

WELLESLEY

Wellesley College Bulletin



1993-94 CATALOG ISSUE

Volume 83, Number 1 • September 1993

Wellesley College Bulletin

Vol. 83, No. 1 September 1993

Wellesley College Bulletin (USPS 078-360)

is published September, November, December, February, March, May, and July/August by Wellesley College, Green Hall, Wellesley, MA 02181-8292. Second-class postage paid at Boston, MA. Postmaster: Send address change to Wellesley College Bulletin, Green Hall, Wellesley College, Wellesley, MA 02181-8292.

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Academic Calendar 1993-94

First Semester

SEPTEMBER

New students arrive	2, Thurs.
Orientation	3, Fri. through 7, Tues.
Returning students arrive	4, Sat.
Central Check-In	7, Tues.
Convocation	7, Tues.
First Day of Classes	8, Wed.

OCTOBER

Fall recess begins (after classes)	8, Fri.
Fall recess ends	11, Mon.

NOVEMBER

Thanksgiving recess begins (after classes)	24, Wed.
Thanksgiving recess ends	28, Sun

DECEMBER

Classes end	10, Fri.
Reading period begins	11, Sat..
Examinations begin	15, Wed.
Examinations end	21, Tues.
Holiday vacation begins (after examinations)	21, Tues.

JANUARY

Wintersession begins	5, Wed.
Wintersession ends	26, Wed.

Second Semester

JANUARY

Classes begin	27, Thurs.
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FEBRUARY

President's Day (no classes)	21, Mon.
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MARCH

Spring vacation begins (after classes)	18, Fri.
Spring vacation ends	27, Sun.

APRIL

Patriot's Day (no classes)	18, Mon.
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MAY

Classes end	6, Fri.
Reading period begins	7, Sat.
Examinations begin	11, Wed.
Examinations end	17, Tues.
Commencement	27, Fri.

Inquiries, Visits & Correspondence

Wellesley welcomes inquiries and visits to the College from prospective students, their parents, and other interested individuals. For those who would like more detailed information on many of the programs and opportunities described in this catalog, the College publishes a number of brochures and booklets. These publications, as well as answers to any specific questions, may be obtained by writing to the appropriate office as listed.

For those who would like to visit the College, the administrative offices in Green Hall are open Monday through Friday, 8:30 a.m. to 4:30 p.m., and by appointment on most Saturday mornings during the academic term. With the exception of a few holidays, arrangements can usually be made to greet prospective students during Wellesley's vacation periods. Accommodations for alumnae and for parents of students or prospective students are available on the campus in the Wellesley College Club and may be reserved by writing to the club manager.

A prospective student who wishes to arrange an interview with a member of the professional staff of the Board of Admission should make an appointment well in advance. Student guides are available to provide tours for visitors without appointments. Visitors, however, may wish to call the Board of Admission prior to coming to Wellesley to obtain information regarding scheduled tours.

President

General interests of the College

Dean of the College

Academic policies and programs

Dean of Students

Student life advising; counseling; residence; MIT cross registration; exchange programs; international students; study abroad

Class Deans

Individual students

Dean of Continuing Education

Davis Scholars; Postbaccalaureate students

Director of Admission

Admission of students

Director of Financial Aid

Financial aid; student loans

Bursar

College fees

Registrar

Transcripts of records

Director, Career Center

Graduate school; employment; general career counseling of undergraduates and alumnae

Vice President for Finance and Administration

Business matters

Vice President for Resources/Public Affairs

Gifts; bequests; external relations

Executive Director, Alumnae Association

Alumnae interests

Address

Wellesley College
106 Central Street
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(617) 235-0320

The College

The College

A student's years at Wellesley are the beginning—not the end—of an education. A Wellesley College degree signifies not that the graduate has memorized certain blocks of material, but that she has acquired the curiosity, the desire, and the ability to seek and assimilate new information. Four years at Wellesley can provide the foundation for the widest possible range of ambitions, and the necessary self-confidence to fulfill them. At Wellesley, a student has *every* educational opportunity. Above all, it is Wellesley's purpose to teach students to apply knowledge wisely, and to use the advantages of talent and education to seek new ways to serve the wider community. These are the elements of an education that can never grow old or become obsolete.

Wellesley is a college for the student who has high personal, intellectual, and career expectations. Beyond this common ground, there is no Wellesley stereotype, since the College is a multicultural community. Students come from all over the world, from different cultures and backgrounds, and they have prepared for Wellesley at hundreds of different secondary schools. Through the Davis Degree Program, women beyond the traditional college age, many married and with children, are part of the student body working toward a Wellesley degree. Men and women from other colleges and universities study at Wellesley through various exchange programs.

This diversity of people is made possible, in large part, by the College's aid-blind admission policy. Students are accepted without reference to their ability to pay. Once admitted, those with demonstrated need receive financial aid through a variety of services.

Henry Fowle Durant, Wellesley's founder, was an impassioned believer in educational opportunity for women. His strong philosophy carries over to the present day. Throughout its 118-year history, Wellesley has been one of a handful of preeminent liberal arts colleges in the country, and, at the same time, a distinguished leader in the education of women. The Wellesley College Center for Research on Women, a policy-oriented research institution on campus, was founded in 1974. It has produced much work of national importance about the role of women and men in contemporary society.

In some respects, the liberal arts curriculum at Wellesley has changed little since the College was founded. The constant features are the grouping of disciplines into the humanities, the social sciences, and the natural sciences and the requirement that each student sample widely from courses in each group. Consistent also is the concept of the major—the opportunity for each student, through concentrated study during her junior and senior years, to

establish mastery in a single area. The College has adhered to this framework because it emphasizes the building blocks of a continuing education: the ability to speak and write clearly, the knowledge to manage quantitative data with ease, the confidence to approach new material, the capacity to make critical judgments. Whatever the student chooses to do with her life, these skills will be essential.

Within this traditional liberal arts framework, the Wellesley curriculum is dynamic, responsive to social change, and quick to incorporate new fields of study. The dramatic expansion of information of the last decades has led to an increasingly interdisciplinary course of study. Single majors in traditional disciplines have been joined by double majors, and especially designed interdisciplinary and interdepartmental majors. Some departments also offer minors. A multidepartmental first-year student writing course and a multicultural course are degree requirements.

Wellesley students and faculty in all disciplines use the College's academic computing facilities in their courses and research. Faculty members are pioneering applications of artificial intelligence and teaching technology in such fields as philosophy, music, history, and languages. Wellesley was one of the first liberal arts colleges to establish a separate Computer Science Department and Computer Science major.

Introduced nine years ago, the Cluster Program provides for first-year students a new format in which to study traditional materials of the liberal arts curriculum.

The Wellesley-MIT Cross Registration allows students to combine the strengths of these two outstanding institutions while remaining in residence on their own campuses. Wellesley students enroll in a large variety of MIT subjects, largely in the social sciences, planning, and management, as well as in courses in computer science, engineering, mathematics, and the sciences. Popular courses have been Issues in Architecture, Financial Management, Cost Accounting, and Field Geology. Wellesley students construct individual majors in such subjects as Urban Planning, Engineering, and Linguistics which draw on the resources of departments at both MIT and Wellesley. A bus runs hourly between the two campuses.

The Twelve College Exchange Program brings men and women from other member New England colleges to Wellesley for a semester or a year, and enables Wellesley students to live and study on another campus. The College also offers exchanges with Brandeis University in nearby Waltham; Spelman College, a distinguished Black liberal arts college in Atlanta, Georgia; and Mills College in Oakland, California.

Wellesley students are encouraged to spend a semester or a year abroad in programs at many institutions throughout the world.

Financial aid for study abroad is available through several Wellesley funds. For instance, the Slater Program underwrites the cost of attending European institutions for a summer or academic year, and it brings Slater Fellows from abroad to the Wellesley campus. The Waddell Program provides funds for study in Caribbean countries or in Africa. The Stecher Program enables students to study art abroad either during the academic year or summer. Several other funds support study in Asia during the academic year and the summer.

The Wellesley faculty is a true community of scholars. They include scientists, artists, and political and economic analysts who have achieved the highest recognition in their fields. Dedicated to teaching, they bring to the College a vast range of academic and professional interests. A number of faculty live on or near the campus. They are committed to all aspects of life in the Wellesley community, and are available to students long after the end of class.

There is one faculty member for every ten students. The average class size ranges from 18 to 21 students. A few popular introductory courses enroll more than 100, but these classes routinely break into small discussion groups under the direction of a faculty member. Seminars typically bring together 15 to 18 students and a professor to investigate clearly defined areas of concern. The low student-faculty ratio offers an excellent opportunity for students to undertake individual work with faculty or honors projects and research.

Excellent academic facilities support learning at Wellesley. Students have access to virtually all the collections on campus through a computerized library system totalling over 1 million items. Among the special holdings are a world-renowned Browning Collection, a Book Arts Collection, and a Rare Book Collection. Interlibrary loans through the Boston Library Consortium augment the College's own holdings.

Wellesley's strength in the sciences dates to the nineteenth century, when the College's physics laboratory was the second such laboratory in the country (the first was at the Massachusetts Institute of Technology). The Science Center, recently expanded and renovated, brings together all the science departments, including Mathematics and Computer Science, in a contemporary setting that fosters interdisciplinary discussion and study. Laboratories in the Science Center are completely equipped for a wide variety of fields. The Center also includes an extensive complex of greenhouses and a fine observatory.

Students in the arts find excellent facilities in the new Davis Museum and Cultural Center.

Students interested in sports and athletics have use of the modern Nannerl Overholser Keohane Sports Center on campus.

Wellesley recognizes that classroom activities and studying are

only part of a college education. The residence hall system not only provides a pleasant and comfortable place to live, but seeks to integrate academic and extracurricular life through educational programs. Residence life is administered in several different ways, ranging from professional heads of houses to student-run cooperatives.

For many students, the lessons learned competing on the athletic field, publishing the *Wellesley News*, or participating in a Wellesley-sponsored summer internship in Washington are of life-long importance. The College encourages self-expression through more than 130 established student organizations, as well as any interest that a student may choose to pursue alone or with a small number of friends. Wellesley also supports those students who investigate religious issues and thought. The College chaplaincy offers a religious program in many faiths, including denominational services for those who wish to participate.

Wellesley is a small community, and the quality of life depends upon the involvement and commitment of each of its constituents. For this reason, students at the College participate in decision making in nearly every area of College life. They serve, frequently as voting members, on every major committee of the Board of Trustees, including the Investment Committee, and on committees of the Academic and Administrative Councils, including the Board of Admission and the Committee on Curriculum and Instruction. In academic departments, they are voting members of the curriculum and faculty search committees. In addition, they serve on committees that set policy for residential life and govern Schneider Center, the focus for much student activity on campus.

The Wellesley College Government Association was established in 1901 by student and faculty agreement. Through Senate, its elected representative body, it is the official organization of all Wellesley students. College Government officers are elected each spring on a campus-wide basis; Senate representatives are elected from each residence hall and from the Nonresident Student Organization.

Each student who comes to Wellesley College joins an extended community: the thousands of alumnae who have preceded her. Some of them have been outstanding scholars and researchers; others have been leaders in politics and social issues; still others have made important contributions to their communities through volunteer work. We are proud of our alumnae. No matter how they have chosen to make their mark in the world, they have proved that four years at Wellesley College is just a beginning.

The Campus

Wellesley College offers physical surroundings that are conducive to the highest degree of academic excellence. To begin, its campus of more than 500 acres borders Lake Waban. There are woodlands, hills and meadows, an arboretum, ponds, and miles of footpaths and fitness trails. In this setting are 64 buildings, with architectural styles ranging from Gothic to contemporary. The focal point of the campus is the Galen Stone Tower which rises 182 feet.

Facilities & Resources

The broad scope of Wellesley's curriculum is supported by excellent academic facilities, ranging from large lecture halls to study carrels, from creative arts media to state-of-the-art equipment for advanced scientific research. Of equal importance to the quality of its academic facilities is the College's policy of making them available to all students.

Classrooms

The two primary classroom buildings, Founders Hall and Pendleton Hall, are located in the academic quadrangle. The humanities are taught in Founders and the social sciences in Pendleton East.

Science Center

The Science Center houses the Departments of Astronomy, Biological Sciences, Chemistry, Computer Science, Geology, Mathematics, Physics, and Psychology. The Center includes up-to-date and well-equipped teaching and research laboratories. A major expansion and renovation project was completed in 1991.

The Science Library contains 98,000 volumes, collections from all of the above departments. Group study rooms, carrels, audio-visual and tutorial rooms, copying equipment, microfilm facilities, portable computer terminals, and even tool boxes for loan are under the supervision of a science librarian.

Greenhouses

The Margaret C. Ferguson Greenhouses, combined with the 22 acres of the Hunnewell Arboretum and the Alexandra Botanic Gardens, are an outstanding teaching facility and a horticultural resource visited by thousands each year.

The 15 greenhouses contain more than 1,000 different plants. Temperature and humidity in each of the houses are controlled independently, providing a wide range of climates for growing plants from all geographic regions. The permanent collection emphasizes the diversity and adaptation of desert plants, tropical plants, orchids, and ferns and includes large numbers of subtropical, temperate, and aquatic plants. Two of the greenhouses are reserved for propagation and plant growth by classes in horticulture, while two others provide modern botanical research facilities for faculty and students. The original greenhouses, built in 1922, were renovated in the 1980s to conform to modern and energy-efficient greenhouse construction.

Observatory	<p>The Whitin Observatory contains laboratories, classrooms, dark-room, and the Astronomy Library. Its research equipment includes 6-, 12-, and 24-inch telescopes, as well as state-of-the-art electronics and computers. The observatory was a gift of Mrs. John C. Whitin, a former trustee of the College. It was built in 1900, enlarged in 1962 and 1966, and is considered to be an unusually fine facility for undergraduate training in astronomy.</p>
Computer Facilities	<p>The academic computing facilities consist of a VAX cluster, several Micro-Vax computers, 8 DECstation 5000 workstations, 15 IBM RS6000 workstations (dedicated to computer science instruction and research), 4 Sun workstations (in the new Computer Science Graphics Laboratory), and clusters of Apple Macintosh computers (16 in the Mathematics Graphics Classroom, 16 in the Writing Lab, and 16 in the Computer Science Classroom) and IBM PS/2 microcomputers. These computers are connected to a campus-wide network which provides access from labs, offices, classrooms, and terminal rooms to the timesharing computers, laser printers, library catalog, and the Internet. Macintosh and microcomputers are available in common rooms in most of the dormitories. All dormitory rooms provide telephone and computer access.</p>
Jewett Arts Center	<p>The Jewett Arts Center consists of the Mary Cooper Jewett art wing and the Margaret Weyerhaeuser Jewett music and drama wing. The music and theatre wing houses the Music Library, listening rooms, practice studios, classrooms and offices. A collection of musical instruments of various periods is available to students.</p> <p>The Jewett Auditorium, a 320-seat theatre, is used for chamber music performances, theatre events, lectures and symposia.</p>
The Davis Museum and Cultural Center	<p>A new museum and cultural center opens in October 1993. The four-floor museum facility offers expanded galleries for temporary exhibitions and for paintings, sculpture and works on paper from the museum's encyclopedic collection. It also houses a print room and study gallery/seminar room. Special exhibitions and programs are presented throughout the year.</p> <p>The museum was founded in 1889 to provide high-quality objects for the study of art. Since that time, the museum's holdings have grown to include almost 5,000 objects that span the 3,000 years of the history of art.</p> <p>To maintain the interrelationships among the arts at Wellesley, the Davis Museum and Cultural Center is adjacent to the Jewett Arts Center and Pendleton West. The facilities are linked by bridges allowing students to move easily from classrooms and studios into libraries and museum galleries. The complex also includes a courtyard, a 170-seat cinema, and a small café.</p>

**Margaret Clapp
Library**

The College Library's holdings (including Art, Astronomy, Music, and Science Library collections) contain more than 1 million items. Among them are 690,000 bound volumes, 4,000 periodicals and serials, 270,000 microforms, 15,000 sound recordings, and an important collection of federal and international documents. Inter-library loans through the Boston Library Consortium augment the College's own collections.

In addition, the College Library encompasses other areas of particular interest. The Special Collections include letters, manuscripts, and rare books and the Archives contain materials documenting the history of Wellesley. The Language Laboratory, the Faculty Instructional Computing Center, and the Learning and Teaching Center are in the library.

A computerized library system provides on-line information about the College Library's holdings and Wellesley course offerings. Students access the system from computer terminals located in each library and is available through the Colleges' Local Area Network and through the Internet.

**Continuing
Education House**

The CE House is the official home for Elisabeth Kaiser Davis Scholars and Postbaccalaureate students. The offices of the Dean of Continuing Education and her staff, who coordinate the academic and support systems for students, are located there. The CE House is a gathering place for student meetings, study groups, peer advisor workshops, special events and informal get-togethers. Students elect their own House Council President and Council members who plan activities for the community. Student advisors serve as peer counselors, providing personal support and information for new students entering each semester.

**Child Study
Center**

The Child Study Center, a preschool and laboratory, serves the College and the neighboring community. It is housed in the Anne L. Page Memorial Building, specifically designed in 1913 as a school for young children. Under the direction of the Psychology Department, students and faculty from any discipline can study, observe, conduct approved research, volunteer or assistant teach in classes with children ages two to five. In addition to the observation and testing booths at the Center, there is a Developmental Laboratory at the Science Center. Research equipment is available at both locations.

**Nannerl
Overholser
Keohane Sports
Center**

Classes for all indoor sports and dance are conducted in the Nannerl Overholser Keohane Sports Center. This Center includes an eight-lane competition swimming pool; badminton, squash and racquetball courts; a weight room; exercise/dance studios; volleyball courts; and an athletic training area. The Field House has basketball and indoor tennis courts and a 200-meter track. Out-

	<p>door water sports center around the Boathouse where the canoes, sailboats, and crew shells are kept. Wellesley also maintains a nine-hole golf course, 24 tennis courts, hockey, lacrosse, and soccer fields, and a swimming beach.</p>
Alumnae Hall	<p>The largest auditorium on the campus, seating more than 1,300 people, is in Alumnae Hall. The Hall also has a large ballroom and houses the Wellesley College Theatre. Wellesley alumnae gave this building to the College in 1923.</p>
Chapel	<p>The Houghton Memorial Chapel was presented to Wellesley in 1897 by the son and daughter of William S. Houghton, a former trustee of the College. The chapel's stained glass windows commemorate the founders and others, while a tablet by Daniel Chester French honors Alice Freeman Palmer, Wellesley's second president. The chapel is a setting for lectures and community meetings as well as religious services and concerts.</p>
Schneider College Center	<p>Focal point for extracurricular life at the College is Schneider College Center. It provides lounge areas, a cafeteria, an entertainment stage, a convenience store, meeting rooms, offices for Schneider Board and College Government, facilities for nonresident students (lounge, mailboxes, kitchen, study room), a lounge and kosher kitchen for Hillel, a student-staffed Info Box, the student-managed Café Hoop and Candy Store, <i>Wellesley News</i>, <i>Legenda</i>, and the Wellesley College radio station, WZLY. It also contains offices for the Community Service Center, Residence, the Schneider Center staff, Manager of Schneider Food Service, and the Chaplaincy.</p>
Harambee House	<p>Harambee House, the cultural and social center for the African-American community at Wellesley, offers diverse programs which are open to the entire College. The programs which highlight the various aspects of African-American culture are presented throughout the academic year. Harambee has a growing library of the history and culture of African and African-American peoples and boasts a record library (classical-jazz by Black artists), which is housed in the Jewett Music Library. The House also contains offices for the staff, Ethos (the Black student organization), and <i>Ethos Woman</i> (a literary magazine), as well as rooms for seminars, meetings, and social gatherings.</p>
Slater International/Multicultural Center	<p>Slater Center is headquarters for international and multicultural students and faculty. The Center serves campus organizations that have an interest in international and multicultural affairs and helps to sponsor seminars and speakers on those topics. Here student members can study, cook, entertain, and get acquainted. The International Student/Multicultural Advisor, whose office is located in the Center, counsels students from abroad as well as Asian-</p>

American and Latina students. She also handles immigration matters for students and faculty. In addition, the Center coordinates a peer counseling group of international students to help newcomers make a smooth adjustment to the United States.

Society Houses

There are four society houses. Each house has kitchen and dining facilities, a living room, and other gathering areas. Members are drawn from all four classes, beginning with second-semester first-year students. Shakespeare House is a center for students interested in Shakespearean drama; Tau Zeta Epsilon House is oriented around art and music; Zeta Alpha House is for students with an interest in modern drama; and Phi Sigma is a society that promotes intelligent interest in cultural and public affairs.

Green Hall

The offices of the president, the board of admission, the deans, and all administrative offices directly affecting the academic and business management of the College are located in Green Hall. The building has large rooms for Academic and Administrative Council and trustee meetings and class and seminar rooms. Named for Hetty R. Green, the building was erected in 1931.

Infirmary

Simpson Infirmary consists of an outpatient clinic and hospital which is licensed by the state. It is an institutional member of the American College Health Association.

President's House

The President's House, formerly the country estate of Wellesley's founders, Mr. and Mrs. Henry Fowle Durant, is located on a hill just south of the main campus. The spacious lawns border Lake Waban. It is frequently the scene of alumnae and trustee gatherings, as well as receptions for distinguished visitors, students, faculty and staff, and for graduating seniors and their parents.

Wellesley College Club

The Wellesley College Club is a center for faculty, staff, and alumnae. Its reception and dining rooms are open to members, their guests, and parents of students for lunch and dinner. Overnight accommodations are available for alumnae and for parents of current and prospective students.

Center for Research on Women

The Center for Research on Women was established in 1974 by a grant from the Carnegie Corporation. Since then it has received major support from a variety of private foundations, government agencies, corporations, and individuals. The Center's policy-oriented studies focus on women's education, employment, and family life. Extensive research is being conducted on gender equity, curriculum change, childcare, mother/infant bonding, the effects of economic and social policies on women of all races and social classes, women in the sciences, and stress in the lives of women and men. *The Women's Review of Books* is published at the Center.

Student Life

Student Life

Intellectual growth is only part of the realization of one's talents and abilities. Wellesley College offers many opportunities for a student to develop self-confidence, leadership skills, and a sense of social responsibility through participation in student organizations, volunteer programs, and college governance. Camaraderie built through these involvements creates solid friendships that support Wellesley students during their college years and for a lifetime.

On the Wellesley campus many student groups reflect ethnic, social, political, and religious interests. More than twenty multicultural organizations include the Slater International Association; Mezcla, an association of Chicana, Native American, and Latina students; Ethos, an organization of Black students; the Asian Association, composed of Asian and Asian-American students; The Korean Students Association; the Womyn's Alliance, a group interested in feminist issues; and the Wellesley Off-Campus Students (WOCS) Council. Religious groups such as the Newman Club, the Wellesley Christian Fellowship, Hillel, Al-Muslimat, Ministry to Black Women, Lutheran-Episcopal Fellowship, Campus Crusade for Christ, and Christian Science Organization offer many programs throughout the year.

Students also produce a number of publications: *Wellesley News*, the student newspaper published weekly; *Ethos Woman*, a student publication for and about Third World women; *Legenda*, the College yearbook; and *The Galenstone*, a student publication. WZLY, the campus radio station, is operated by an all-student staff.

Students can become involved in the Greater Boston community in a variety of ways. The Career Center Internship Office lists many opportunities for public and community service in government agencies and nonprofit organizations. In addition, the Community Service Center coordinates student groups working with youth services, the elderly, the Easter Seal Swim Program, the Boston Food Bank, and Rosie's Place, a shelter for homeless women.

Sports are a significant part of life at Wellesley. There are eleven intercollegiate programs, and opportunities for competition in club sports such as softball, skiing, and rugby. Other students pursue physical education just for fun, or to stay in shape. Interests range from yoga and fencing to dance and scuba diving. The Nannerl Overholser Keohane Sports Center includes an eight-lane competition swimming pool, badminton, squash and racquetball courts; a weight room; exercise/dance studios; volleyball courts; and an athletic training area. The Field House has basketball and volleyball courts, indoor tennis courts and a 200-meter track. Lake Waban is used for water sports and Paramecium Pond for ice skating.

The arts have always represented a highly visible part of the

Wellesley experience. The College Choir, the Chamber Orchestra, the Prism Jazz Ensemble, the Tupelos, the Collegium Musicum, the Chamber Music Society, the Widows, the Ethos Choir, the Carillon Guild, and the MIT Orchestra are some of the many groups which offer experiences for students with musical interests. Those inclined toward the theatre can choose among the Wellesley College Theatre, the Experimental Theatre, and the Shakespeare Society.

Life at Wellesley also includes a number of traditional social events. Junior Show, Sophomore Parents' Weekend, Spring Weekend, and International Week are supplemented by frequent informal parties.

Schneider Center, the center of community activity, includes a coffee house, conference rooms, and a student-run store, is the center of community activity. Supplementing the facilities and resources of Schneider are Slater Center, which is the frequent setting for international and multicultural events and celebrations, and Harambee House, the social and cultural center of the African-American community at Wellesley. Harambee sponsors lectures, music and dance performances, many in conjunction with other departments in the College. Lectures and cultural programs are presented also by Mezcla, the, the Korean Student Association, China Club, Japan Club and Hillel, and many other student organizations.

Student Residences & Resources

Although some students live off campus, most live in one of Wellesley's twenty-one residence halls. For resident and nonresident students alike, the College provides the counseling, religious, and health services necessary to ensure the students physical and mental well-being.

Residence Halls

The residence halls are the focus of much campus life. Informal learning at Wellesley takes place in spontaneous discussions and through planned programming in the residence halls. The diversity of Wellesley's students, who bring to the College differing life styles and cultural backgrounds, contributes much to this process.

The residence hall system at Wellesley fosters a sense of community, with much of the administration and program planning initiated by the students. Within this principle of student self-government, the halls offer many opportunities for residents to assume leadership positions.

The residence experience is also likely to include lectures, group discussions, dinners with faculty members, and parties. One tradition, initiated in Wellesley's early charge, is Wednesday Tea—an informal occasion which continues to attract many students.

There are several types of residence halls at Wellesley, each with a distinctive theme and structure. The 15 larger residence halls (most housing 120-140 students), are staffed by professional Heads of House. Each Head of House serves as an advisor and counselor to individuals and groups in each hall and as a liaison to the College community. The Heads of House, with specialized training in adolescent development and women's issues, supervise a residence staff which includes a Resident Advisor on each floor, a First-Year Student Coordinator, and a House President. The smaller halls (Simpson West, Homestead, French House, Cervantes House, Instead, and Cedar Lodge) are staffed by student Resident Advisors or Coordinators and have a more informal system of house government for the 8-18 upperclass students living there.

Students in the larger residence halls elect a House Council which administers daily living details. The Vice President of Programming and her committee in each hall plan a variety of social, cultural, and educational events throughout the year. Each residence also elects representatives to the Senate. These students consult with members of the residence hall on campus-wide issues and convey opinions of their constituencies to the student government.

A residential policy committee reviews the rooming policy and develops ways to involve students in all areas of residential policy making. The Residence Office staff works to strengthen the involvement of faculty, staff, and alumnae in residence hall life.

Most of the residence halls contain single, double, and triple rooms, plus some suites. All incoming first-year students and all sophomores are placed in double or triple rooms. The cost of all rooms is the same, regardless of whether they are shared, and students are required to sign a residence contract. Each hall has a spacious living room, smaller common rooms, and a study room. All but two of the large halls have dining facilities which are open on a five- or seven-day basis. All dining rooms offer vegetarian entrees at lunch and dinner; Pomeroy dining hall serves kosher/vegetarian food at all meals. There are limited kitchenette facilities in the halls for preparing snacks. Each building is equipped with coin-operated washers and dryers.

The College supplies a bed, pillow, desk, chair, lamp, bookcase, and bureau for each resident student. Students furnish linen, blankets, quilts, and their own curtains, pictures, rugs, and posters. They clean their own rooms and contribute one to two hours a week answering the telephones and doing other miscellaneous jobs scheduled by the student heads of work.

Twenty-one residence halls are grouped in three areas of the campus: Bates, Freeman, McAfee, Simpson, Cedar Lodge, Dower, French House, Homestead, Instead, Stone, and Davis are near the Route 16 entrance to the campus; Tower Court, Severance, Cer-

vantes House, Lake House, and Claflin are situated off College Road in the center of the campus; and Shafer, Pomeroy, Cazenove, Beebe, and Munger are located by the Route 135 entrance to the College.

Student Parking and Transportation

Because parking at the College is limited, resident first-year students are not permitted to have cars. The parking fee for sophomores, juniors and seniors is currently \$70 for each semester or \$125 for the year, and for nonresident students \$50 for the semester or \$90 for the year.

There is hourly bus service from the campus to MIT in Cambridge (7:30 a.m. to 11:00 p.m., Monday-Friday) with subway connections to the Greater Boston area. On weekends the College provides bus service to Boston and Cambridge on an expanded schedule tailored to students' needs.

College Counseling Service

Counseling is readily available. Many students benefit from talking with someone other than friends and roommates. They may be concerned about large or small personal matters affecting their daily life or their more basic sense of purpose and direction. Complete confidentiality is maintained at all times.

Staff members of the College Counseling Service, part of the Stone Center for Developmental Services and Studies, provide short-term group and individual counseling. They also offer a variety of preventive outreach programs without fee, such as workshops and issue-oriented groups. Clinical staff members are trained in the disciplines of psychiatry, psychology and social work. Long-term psychotherapy is not provided at the College, but the counseling staff can refer students to appropriate long-term private therapists and sliding-scale agencies. *Complete professional confidentiality is maintained at all times.*

Religious Resources

Wellesley seeks to respond sensitively to a diversity of religious and spiritual traditions represented among community members.

The College Chaplaincy offers a multi-faith approach to nurturing the religious and spiritual life of the College. The Dean of Religious Life coordinates the Chaplaincy Team which includes a Jewish Chaplain/Hillel Director, Newman Catholic Campus Minister, Protestant Chaplain, and advisors to other religious groups. Members of the Chaplaincy Team are available for religious and pastoral counseling.

Students are invited to take part in the life of one or more of these faith communities for worship, study and discussion groups, community service opportunities or social events.

The Dean of Religious Life officiates at interfaith services held regularly throughout the academic year.

Jewish students will find a varied program including weekly

Shabbat services, High Holiday services, and study and discussion groups. Kosher meal options are available and Pomeroy dining hall serves Kosher/vegetarian food at all meals. Kosher products are available in the Convenience Store in Schneider Center and a kosher kitchen is available for student use in Schneider Center.

The Roman Catholic community gathers for Mass regularly and the Newman Catholic Ministry offers a variety of spiritual, educational and social activities on campus and in the area for members of the community.

The Protestant community has many opportunities for worship, study, discussion and social gathering offered by groups which represent the full spectrum of Protestant religious tradition and practice. The Protestant Chaplain acts as liaison to all Protestant groups and offers an ecumenical Protestant service on Sundays.

The College Chaplaincy, working with many other departments in the College, seeks to support each student in their educational process and foster a sense of community for the College as a whole.

College Health Service

Simpson Infirmary includes an outpatient clinic and licensed hospital which provide primary medical care to all students. There is no charge for outpatient visits to a nurse, nurse practitioner or doctor. Medical insurance is required to cover charges for laboratory tests, certain examinations and procedures, and inpatient care. A College sponsored insurance plan is available. Students are required by Massachusetts law to enroll in the College Student Health Insurance Plan unless they have equivalent coverage. Because many private insurers and HMOs have strict guidelines regarding inpatient coverage, all students are encouraged to enroll in the College policy to cover infirmary admissions. Consultation with specialists is available both locally and in Boston; financial responsibility rests with the student, her parents, or their health insurers. Besides the usual medical care given by the College Health Service, members of the staff emphasize educational and preventive measures to increase wellness and promote healthful lifestyles. Programs are developed in response to students' needs or requests.

The Health Service collaborates with other college services such as counseling services, residence, and physical education. The confidentiality of the doctor-patient relationship is carefully maintained: medical information is not shared with College authorities or parents without the specific consent of the student, and is disclosed only to meet insurance claims or legal requirements.

Student Government

Throughout its history the College has based its policies regarding student life upon the concepts of personal integrity, respect for individual rights, and self-government. The rules and procedures

governing student life reflect these concepts, and are designed chiefly to ensure the privacy and safety of individuals. Legislation concerning all aspects of Wellesley community life is contained in the *Articles of Government*, copies of which are available to all students.

Honor Code

Inherent in Wellesley's system of democratic government, and its accompanying law, is the honor code. As the vital foundation of government, the honor code rests on the assumption that individual integrity is of fundamental value to each member of the community. Within the philosophy of self-government, the personal honor and responsibility of each individual as he or she approaches both the regulated and nonregulated areas of academic, social, and residence hall life in the Wellesley community are of central importance.

The honor code covers all duly adopted rules of the College for the governance of academic work, for the use of College resources, and for the special conduct of its members. Each student—degree candidate, exchange student, and special student—is bound by all the rules.

Each student is expected to live up to the honor code, as a member of the student body of Wellesley College both on and off the campus. She should also remember that she is subject to federal, state, and local laws which are beyond the jurisdiction of Wellesley College.

The honor code can work only with full support among all members of the College community. In addition to upholding the regulations and spirit of the honor code personally, both students and faculty are responsible for the success of the system. This includes guarding against and, if necessary, reporting any inadvertent or intentional abuses of the honor code by any member of the community.

College Government

Most of the legislation and regulations guiding student life are enacted and administered by the student College Government, of which all students are members. Responsibilities delegated by the Board of Trustees to the College Government include governance of all student organizations, appointment of students to College committees, allocation of student activity funds, and administration of the Honor Code and judicial process. Many of these responsibilities are assumed by Senate, the elected legislative body of College Government, which also provides the official representative voice of the student body.

Violations of the Honor Code are adjudicated through the student-run Judicial System. Three separate branches of the Judicial System address infractions of residence hall violations, violations of academic principles, and the appeal process.

Confidentiality of Student Records

Maintenance of the confidentiality of individual student educational records has always been important at Wellesley, as is a concern for the accuracy of each record. Under the provisions of the federal Family Educational Rights and Privacy Act of 1974, every Wellesley student is assured the right to inspect and review all college records, files, and data directly related to her, with certain exceptions such as medical and psychiatric records, confidential recommendations submitted before January 1, 1975, records to which the student has waived her right of access, and financial records of the student's parents. The student may also seek a correction or deletion where a record is felt to be inaccurate, misleading, or otherwise in violation of the privacy or other rights of the student. The Privacy Act also protects the privacy of personally identifiable information maintained in student records by prohibiting the release of such information (other than those facts defined below as "Directory Information") without the written consent of the student, except to persons such as officials or teachers within the College who have a legitimate educational interest in seeing the information, officials of other institutions in which the student seeks to enroll, the student's parents if the student is a dependent for tax purposes, and certain other persons and organizations.

The final regulations for the Act make clear that, in the case of students who are dependents of their parents for Internal Revenue Service purposes, information from the education records of the student may be disclosed to the parents without the student's prior consent. It will be assumed that every student is a dependent of her parents, as defined by the Internal Revenue Code, unless notification to the contrary with supporting evidence satisfactory to the College is filed in writing with the Registrar by October 1 of each academic year. All correspondence relating to a student's undergraduate performance is removed from a student's file and destroyed one year after graduation. All disciplinary records are destroyed when a student graduates from the College. Disciplinary records are never a part of a student's permanent file while she is at Wellesley.

Copies of the Privacy Act, the regulations therein, and the "Wellesley College Guidelines on Student Records" are available on request from the Office of the Dean of Students. Students wishing to inspect a record should apply directly to the office involved. Complaints concerning alleged noncompliance by the College with the Privacy Act, which are not satisfactorily resolved by the College itself, may be addressed in writing to the Family Educational Rights and Privacy Act Office, Department of Education, 550 Independence Avenue, S.W., Washington, D.C. 20201.

Directory Information

The Privacy Act gives to Wellesley the right to make public at its discretion, without prior authorization from the individual stu-

dent, the following personally identifiable information: name; class year; home address and telephone number; college address and telephone number; major field; date and place of birth; dates of attendance at Wellesley College; degrees, honors and awards received; weight and height of student athletes; participation in officially recognized sports and activities; previous educational institution most recently attended.

The Privacy Act also allows individual students to place limitations on the release of any of the above information. A student who wishes to do this must inform the Registrar, Green Hall, in writing each year by July 1 for the following academic year.

In practice, College policies discourage the indiscriminate release of any information about individual students. College directories and lists are for use within the College community itself.

Career Center

The Career Center provides a wide range of information and services to help Wellesley students explore the world of work and make decisions about their future. A staff of experienced professionals can assist students at all levels of career exploration and decision making. Whether you are a first-year student thinking about an internship, or a senior planning for graduate school or work after Wellesley, the staff of the Career Center can assist you through each step of the process. Through panel presentations, company information meetings, workshops and counseling sessions, students are introduced to various professions. The Center also sponsors a wide variety of programs which bring alumnae back to campus to discuss their working lives and graduate school experiences. Opportunities for career exploration are offered through the Shadow Program, volunteer/community service experiences and over 1,500 internship listings. The Center also produces a number of informational publications for students, including *Agenda*, a biweekly newsletter distributed to every student.

Throughout their time at Wellesley, students are encouraged to use the Center for career exploration and planning for graduate study. After graduating, the Career Center remains an ongoing resource to Wellesley Alumnae through their career lifetime.

Counseling

During the school year, counselors are available daily to answer career-related questions on a drop-in basis. Group counseling sessions and individual appointments are also offered. The Center gives workshops on resume writing, self-assessment, job search, and application to graduate and professional schools. Students may also practice their interviewing skills during videotaped mock interviews.

Recruiting/Job Search	The Career Center offers a recruiting program in which over 100 companies participate. Students are notified of scheduled visits by postings in the Center and in campus newspapers. Job listings received by the Center are available for perusal in the Career Center Library. In addition, during the second semester of the year, selected listings of entry-level jobs are available through the College-wide computer network, "Lucy." <i>Horizons</i> , the alumnae job bulletin, is available by request.
Graduate Schools	The Career Center provides assistance in applying to graduate and professional schools, including information on graduate school and professional school examinations, advice on completing graduate school applications, and financial aid information.
Internships	The Career Center keeps information on a wide variety of internship programs available at the College, in the local community, and throughout the country, during the term, January and summer. Interns work in dozens of fields ranging from engineering to environmental advocacy, from stage management to banking. The Center is the clearinghouse for all internships. Internship research is available through the on-line database or Peer Career Advisors in the Internship Office.
Summer Stipends	Students interested in community and public service internships may apply through the Career Center for a variety of stipend programs. Designed to encourage direct student involvement in service and to foster the spirit of volunteerism, these awards provide financial support to Wellesley students for an unpaid position or internship with a community or public service organization.
Scholarships and Fellowships	The Center Library provides information on a wide variety of scholarships, fellowships, and grants for graduate study. In addition, the competitions for a number of undergraduate and graduate fellowships are administered in the Career Center, including most of the Graduate Fellowships offered by Wellesley College.
Career Library	The Career Center Library has an extensive collection of books, magazines and journals to assist in the career exploration process. In addition, there are listings of alumnae contacts, a collection of videotapes of alumnae career panels, alumnae questionnaires describing graduate programs and places of employment, job listings, and SIGI+, a computerized career guidance system.
Recommendations	All students are encouraged to build a reference file. For a fee references will be forwarded to schools and employers. The Center furnishes standard recommendation forms acceptable to graduate schools and employers.

Admission

Admission

The Board of Admission chooses students who will benefit from the education Wellesley offers and who will be able to meet the standards for graduation. Consideration is given to creativity, high motivation, and strong academic potential.

The Board considers each application on its merits and does not discriminate on the basis of race, religion, color, creed, or national origin. In accordance with its desire to maintain student body diversity, Wellesley College encourages applications from qualified students who represent a wide variety of cultural, economic, and ethnic backgrounds.

The Board of Admission at Wellesley consists of representatives of the faculty, the administration, and the students. In selecting the candidates who will comprise the student body, the Board considers a number of factors: high school records; rank in class; scholastic aptitude and achievement test scores; letters of recommendation from teachers, guidance counselors or principals; the student's own statements about herself and her activities; and interview reports when available from the staff or alumnae. The Board values evidence of unusual talent and involvement in all areas of academic and social concern.

Each application is carefully evaluated. The admission decision is never made on the basis of a single factor. Each part of the application, however, contributes to a well-rounded appraisal of a student's strengths and helps predict whether Wellesley would be the right place for her to continue her education.

Criteria for Admission

General Requirements for First-Year Student Applicants

Wellesley College does not require a fixed plan of secondary school courses as preparation for its program of studies. Nevertheless, entering students normally have completed four years of strong college preparatory studies in secondary school. Adequate preparation includes training in clear and coherent writing and in interpreting literature; history; training in the principles of mathematics (typically four years); competence in at least one foreign language, ancient or modern (usually achieved through four years of study); and experience in at least two laboratory sciences.

Students planning to concentrate in mathematics, in premedical studies, or in the natural sciences are urged to elect additional courses in mathematics and science in secondary school. Students planning to concentrate in language or literature are urged to study a modern foreign language and Latin or Greek.

There are often exceptions to the preparation suggested here, and the Board will consider an applicant whose educational background varies from this general description.

The Application	<p>Application forms may be obtained from the Board of Admission. A nonrefundable fee of \$45 must accompany the formal application. If the fee imposes a burden on the family's finances, a letter from the applicant's guidance counselor requesting a fee waiver should be sent to the Director of Admission with the application for admission.</p>
The Interview	<p>While Wellesley does not require a personal interview as part of the first-year application, the College strongly recommends that applicants arrange for one. An interview is required of transfer applicants and of Accelerating Candidates, (see pp. 29 and 30). If a candidate cannot come to the College for an interview, she should write to the Board of Admission or use the form provided in the application to request the name of an alumna interviewer in the candidate's local area. A high school junior may arrange for an informal conversation with an alumna or member of the Board. The Board of Admission is closed for interviews from February 1 to April 1; however, tours will still be given by student guides during this time.</p>
Campus Visit	<p>Students who are seriously considering Wellesley will have a better understanding of student life at Wellesley if they can arrange to spend a day on campus. Candidates are welcome to attend classes, have meals in the residence halls, and talk informally with Wellesley students. Overnights in the residence halls can also be arranged for high school seniors. Prospective students who plan to spend some time exploring the College are urged to notify the Board of Admission at least two weeks in advance so that tours, interviews, meals, attendance at classes, and overnights can be arranged before their arrival on campus.</p>
College Board Tests	<p>The College Board Scholastic Aptitude Test and three Achievement Tests are required of all applicants for admission. One Achievement Test must be English Composition (with or without Essay); the other two may be in subjects of the student's choice.</p> <p>Each applicant is responsible for arranging to take the tests and for requesting that the College Board send the results of all tests taken to Wellesley College. The College Board sends its publications and the registration forms necessary to apply for the tests to all American secondary schools and many centers abroad. The applicant may obtain the registration form at school or write directly to College Board, Box 6200, Princeton, New Jersey 08541-6200; or in the western United States, western Canada, Australia, Mexico, or the Pacific Islands, to Educational Testing Service, Box 23470, Oakland, California 94623-0470.</p> <p>It is necessary to register with the College Board approximately six weeks before the test dates; however, limited walk-in registration may be available at some test centers.</p>

Either the SAT or three Achievement Tests may be taken on any of the following dates, but it is not possible to take both the SAT and the Achievement Tests on the same day, so students must select and register for two different test dates. The latest test date from which scores can be used for admission in September, 1994 is February 5, 1994. The College Board Code Number for Wellesley College is 3957.

Dates of College Board Tests	October 23, 1993	April 9, 1994
	December 11, 1993	June 11, 1994
	February 5, 1994	

In addition, on October 9, 1993 the SAT only is offered in California, Florida, Georgia, Hawaii, Illinois, New Jersey, North Carolina, Pennsylvania, South Carolina, Texas, and Virginia.

Wellesley also participates in the American College Test Program (ACT). Students may send their ACT scores, but they may not substitute them for their SAT scores. The ACT may be an additional assessment in a candidate's file.

Admission Plans

Regular Decision

A candidate who uses the Regular plan for admission must file an application by January 15 of the year for which she is applying. Applicants will be notified of the Board of Admission's decisions in April. Applicants for regular admission may take Scholastic Aptitude and Achievement Tests any time through January of the senior year. It is preferred, however, that students take these tests before the January test date to ensure that scores arrive well before the Board of Admission begins to review records. Results of tests taken after January arrive too late for consideration by the Board of Admission.

Early Decision

Students with strong high school records who have selected Wellesley as their first-choice college by the fall of the senior year should consider the Early Decision plan. Candidates under this plan may initiate applications at other colleges, but they agree to make only one Early Decision application. Once admitted under Early Decision, they must then withdraw all other applications.

Candidates who wish to apply in this framework must submit the application by November 1 and indicate that they want to be considered under the Early Decision Plan. Although College Board tests taken through the November 6, 1993 test date may be used, it is preferred that students complete the appropriate tests by the end of the junior year. Decisions on admission and financial aid will be mailed no later than mid-December.

Early Evaluation

Candidates whose credentials are complete by January 1, and *who request it* by checking the appropriate box on the application form,

will receive an Early Evaluation of their chances for admission. These evaluations will be sent by the end of February. Candidates will receive the final decision from the Board of Admission in April.

Accelerating Candidates

The College considers applications from candidates who plan to enter college after completing their junior year of high school and who have demonstrated academic strength and personal/social maturity. These candidates are considered for admission along with other applicants for the Regular Decision Plan. They are requested to identify themselves as Accelerating Candidates in their correspondence with the Board of Admission. Accelerating applicants are required to have an interview, preferably at the College if logistics permit. Accelerating Candidates are not eligible for Early Decision or Early Evaluation. In all other respects they follow the same procedures for the Regular Decision Plan.

Deferred Entrance

Some students who apply successfully to Wellesley may then desire to defer their entrance to the first-year class for one year. If so, they should accept the offer of admission by May 1, and at the same time request a year's deferral. Students who attend another American college full-time during the year between high school and their entrance to Wellesley are not considered deferred students, but must reapply for entrance as transfers. Ordinarily, transfer students may not defer entrance to the following semester or year. This also applies to international students.

United States Citizens Living Abroad

For U.S. citizens living in other countries, the entrance requirements and procedures for making application are the same as for applicants within the United States. U.S. citizens who have been educated exclusively in school systems abroad follow the same application procedures as international students.

International & Transfer Students

Through the years Wellesley has sought and benefited from a large body of international students on campus. The College also seeks highly qualified transfer students who believe that Wellesley's special opportunities will help them to achieve specific goals. For international and transfer students there are some additional and different application procedures and deadlines.

International Students

The following students apply for admission through the International Student Board of Admission, using the special International Student Application form:

1. All international students applying from overseas secondary schools or universities (with the exception of Canadians applying from schools in Canada);

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2. U.S. citizens who have been educated in a school system abroad.

Admission is considered for September entrance only. The application and all required credentials must be received by January 15 of the year in which the student plans to enter. The application form should be returned with a nonrefundable registration fee of \$45.00 (U.S. dollars) or a fee waiver request from the secondary school.

Financial aid is available for only a limited number of international students. Therefore, admission is highly competitive for students who apply for financial assistance. Wellesley's established policy is to accept only those international students for whom we can provide the necessary financial support.

The College Board entrance examinations and the TOEFL (Test of English as a Foreign Language) are required of all international students in addition to their own national examinations. The TOEFL is not required if English is the candidate's first language. The official SAT and Achievement Test score reports must be forwarded directly to Wellesley College by the College Board using Wellesley's Code Number 3957 on the College Board registration form. If SAT and Achievement Tests are not administered in an applicant's country, they may take only the TOEFL.

Interested students are encouraged to initiate the application process one full year in advance of the planned entrance date. To obtain the *International Students* information brochure and the International Student Application form, please write to the Board of Admission. Letters of inquiry should include the student's country of citizenship, present school, academic level, and the year of planned college entrance.

International Students Applying from U.S. High Schools

Citizens of other countries who will have completed two or more years of secondary school in the United States before entering college do not use the international Student Application, but apply instead through the regular admission program. International students applying through the regular admission program, who also wish to apply for the limited financial aid funds, are eligible to apply only under the Regular Decision Plan (January 15 deadline).

Admission of Transfer Students

Wellesley College accepts transfer students from accredited four- and two-year colleges. They must offer an excellent academic record at the college level and strong recommendations from their dean and college instructors. Scholastic Aptitude Tests are required of transfer applicants, as well as an interview. Students wishing to transfer into Wellesley should apply by February 1 for entrance in the fall semester, and before November 15 for entrance in the spring semester. Applications may be obtained from the Board of Admission. Notification is in mid-April and late December, respectively. The application forms should be returned with a nonre-

fundable registration fee of \$45, or a fee waiver request authorized by a financial aid officer or college dean.

The College will accept for credit only those courses which are comparable to courses offered in the liberal arts curriculum at Wellesley. Candidates accepted for transfer will be given a tentative evaluation of their credit status at the time of admission. Transfer credit for studies completed outside of the United States will be granted only when the Registrar has given specific approval of the courses elected and the institutions granting the credit. To receive a Wellesley degree, a transfer student must complete a minimum of 16 units of work and two academic years at the College, so ordinarily, only incoming sophomores and juniors are eligible to apply. A Wellesley unit is equivalent to four semester hours, and some transfer students may need to carry more than the usual four courses per semester in order to complete their degree requirements within four years. Wellesley College has no summer school and courses done independently during the summer may not be counted toward the 16 units required. Incoming juniors, in particular, should be aware that Wellesley requires evidence of proficiency in one foreign language before the beginning of the senior year. In addition, all transfer students should note Wellesley's course distribution and writing requirements which must be fulfilled for graduation. These requirements are described on pp. 51 and 53 of this catalog. Incoming junior transfer students may not take part in the Twelve College Exchange Program or Junior Year Abroad. All transfer students may elect to take courses through the cross-registration program with MIT. Candidates who are older than the usual undergraduate age and whose educations have been interrupted for several years prior to the date of application may wish to consult the Office of Continuing Education.

Continuing Education

Wellesley College offers two programs for students beyond traditional college age. They are the Elisabeth Kaiser Davis Degree Program and the Postbaccalaureate Study Program. The Davis Degree Program is designed for women who wish to work toward the Bachelor of Arts degree. The Postbaccalaureate Study Program is available for men and women who already have a bachelor's degree and seek nondegree coursework. Students enroll in the same courses as the traditional-age undergraduates, and may enroll on a part-time or full-time basis.

Elisabeth Kaiser Davis Degree Program

Candidates for the Davis Degree Program are women, usually over the age of 24, whose education has been interrupted for at least two years, or whose life experience makes enrollment through the Davis Degree Program the logical avenue of admission to Wellesley

College. At least 16 of the 32 units required for the B.A. degree must be completed at Wellesley. These students, known as Davis Scholars, must meet all the degree requirements of the College. There is no time limitation for completion of the degree, and students may take just one or two courses a term, or a full course load. The flexibility of the Davis Degree Program allows a woman to combine school with work and family responsibilities. A small number of Davis Scholars live on campus, and they carry a full academic course load. Some women live in small dormitories especially reserved for Davis Scholars, while others room in larger dormitories, integrated with students of traditional college age.

The College will accept for credit only those courses which are comparable to those in the liberal arts curriculum at Wellesley, and for which a grade of C or better was earned. Coursework presented for transfer credit must be accompanied by an official transcript from an accredited college, descriptions of courses at the time they were taken, and the degree requirements of the institution. All information should be sent with the application for admission.

Postbaccalaureate Study Program

Candidates for the Postbaccalaureate Study Program are men and women who already have a bachelor's degree and wish to do further undergraduate work for a specific purpose. Students take courses to prepare for graduate school, enrich their personal lives, or make a career change. Premedical Studies and Secondary School Teacher Certification are popular choices. A degree is not offered.

Admission

Application forms for the Elisabeth Kaiser Davis Degree Program and Postbaccalaureate Study may be obtained from the Board of Admission. Official transcripts, the completion of an essay application, and letters of recommendation must be submitted before a candidate is considered for admission. A personal interview is also required. The Board of Admission looks for evidence, such as work and volunteer experience, and especially recent coursework that demonstrates intellectual ability and emotional maturity.

All applications should be submitted as early as possible, and must be accompanied by a nonrefundable application fee. Applications for the Elisabeth Kaiser Davis Degree Program are considered once a year for fall semester entrance only. The application deadline is February 15 for admission in the fall of 1994. The application deadlines for the Postbaccalaureate Study Program are December 1 for spring semester admission, and March 1 and August 1 for fall semester admission. August 1 applicants will be considered on a space available basis. International student applicants to either program must submit all application materials by December 1 for admission the following fall.

Costs & Financial Aid

Costs

Wellesley offers a variety of payment plans and financing options to assist all students and their families in meeting the costs of a Wellesley education. In addition, through financial aid, the College is able to offer its education to all students regardless of their financial circumstances. The amount and kind of financial aid is determined solely by financial eligibility criteria.

Fees & Expenses

At Wellesley the Comprehensive Fee represents approximately 60% of the educational cost to the College for each student. The rest is provided from gifts and income earned on endowment funds.

The Comprehensive Fee for 1993-94 resident students is \$23,815. There is an additional fee of \$680 for students who purchase Student Health Insurance. The breakdown is as follows:

	Resident	Non-Resident
Tuition	\$17,390	\$17,390
Room	2,960	N/A
Board	3,130	N/A
Student activity fee	105	105
Facilities fee	230	230
Comprehensive fee	\$23,815	\$17,725
Student Health Insurance	680	680

All resident students must have a meal plan. First-year resident students must take the 14 or 19 Meal Plan. Students who live in cooperative housing and choose a Co-op Meal Plan pay the College a \$100 kitchen usage fee instead of board.

Student Activity Fee

The student activity fee is administered by the Student College Government. It provides resources from which organizations can plan and implement extracurricular activities.

Facilities Fee

The facilities fee is a usage charge for the computer facility and the Nannerl Overholser Keohane Sports Center.

Student Health and Insurance Program

Brochures about the Wellesley College Health Service and the Student Insurance Program accompany bills for each student sent out in July. Because a portion of the Comprehensive Fee supports the Wellesley College Health Service, all full-time students are eligible for office visits at the Health Service at no additional cost. Students taking fewer than three course units per semester are eligible for office visits at College Health Service only if they purchase Student Health Insurance or on a fee-for-service basis.

All degree candidates and those nondegree students who take at

least three course units are enrolled each semester for Student Health Insurance, unless the Bursar receives a waiver card verifying the student's coverage under an equivalent policy. Those enrolled for Student Health Insurance will not be charged for certain services at the Wellesley College Health Service (including laboratory tests, immunizations, and other services and supplies) or inpatient services (hospital admission) and will be covered for specified medical treatment while away from Wellesley. Nonroutine care is available on a fee-for-service basis at the Health Service to students not covered by Wellesley insurance.

An optional Master Medical program providing supplementary coverage is also recommended for students. Wellesley does *not* assume financial responsibility for injuries incurred in instructional, intercollegiate, intramural, or recreational programs. The College carries an NCAA policy to provide limited supplemental coverage for students injured while participating in intercollegiate athletics under the auspices of the Department of Physical Education and Athletics.

Special Fees and Expenses

These include, but are not limited to, the following: a fee for each course taken for credit in excess of five in any semester: \$2,174; certain special course fees, e.g., the cost of instrumental and vocal lessons (see p. 187); the cost of materials for some art courses.

Because parking at the College is limited, resident first-year students are not permitted to have cars. The parking fee for resident sophomores, juniors, and seniors is currently: \$70 for each semester or \$125 for the year; and for nonresidents: \$50 for the semester or \$90 for the year.

All fees, with the exception of tuition, room and board, are subject to change without notice.

Personal Expenses

In addition to the fees above, a student should count on approximately \$1,200 for books, supplies, and personal expenses. Some students spend more and a few spend less.

General Deposit

A General Deposit of \$250, paid by each entering student, is not part of the College fee. The deposit is refunded subsequent to graduation or withdrawal after deducting any unpaid charges or fees.

Refund Policy

Refunds will be made for withdrawal or leave of absence prior to the ninth week of the semester. The Comprehensive Fee will be prorated on a calendar week basis; \$250 will be assessed to cover administrative costs. No refunds will be made for withdrawal or leave of absence after the eighth week; however, a student who withdraws during her first semester may receive a refund through the tenth week. *The date of withdrawal shall be the date on which the student notifies her Class Dean of withdrawal in writing, or if*

Continuing Education Fees and Refunds

the Dean is not notified, the date on which the College determines that the student has withdrawn. Refunds will be prorated among the sources of original payment. Grants and education loans are refunded to the grantor or lender.

Tuition for a nonresident Davis Degree Scholar or Postbaccalaureate Study student is \$2,174 per semester course. Students taking four or five courses a semester pay \$8,695 per semester. A \$14 per course student activity fee with a maximum of \$52.50 per semester, and a \$29 per course facilities fee with a maximum of \$110 per semester will also be charged.

A nonresident student who withdraws from a course will receive the following: a full refund for withdrawal from courses during the add/drop period; thereafter, charges will be prorated on a calendar week basis until the eighth week; however, a student who withdraws during her first semester may receive a refund through the tenth week. An additional \$200 administrative fee will be assessed upon withdrawal or leave of absence; if a student returns to Wellesley from leave, the \$200 will be credited toward charges for the following term. No refunds will be made for withdrawal after the eighth week. *The date of withdrawal shall be the date on which the student notifies the Dean of Continuing Education of withdrawal in writing*, or if the Dean is not notified, the date on which the College determines that the student has withdrawn. Refunds will be prorated among the sources of original payment. Grants and education loans are refunded to the grantor or lender.

Other fees and refunds for resident Davis Degree Scholars are identical to the fees and refunds for other students. All students in the Davis Degree or Postbaccalaureate Study programs are also responsible for paying the General Deposit.

High School Student Fees and Refunds

High school students taking courses at Wellesley pay \$2,174 per semester course; for refunds, charges are prorated on a calendar week basis until the eighth week. High school students also pay the \$250 General Deposit.

Payment Plans

Wellesley offers three payment plans to meet varied needs for budgeting education expenses: the traditional Semester Payment Plan, a Ten-Month Payment Plan, and a four-year Prepaid Tuition Stabilization Plan. See “Summary of Payment Plans and Financing Options” on pages 40 and 41.

All fees must be paid in accordance with one of these approved payment plans before the student may register or receive credit for courses or obtain course transcripts. All financial obligations to the

College must be met before a diploma may be awarded. Fees of up to \$100 per month are assessed for late payment and interest at a rate of up to 1.5% per month (19.6% APR) may be charged on delinquent accounts.

It is the student's responsibility to insure that loans, grants, and other payments are sent to the College by the plan due dates.

**Semester
Payment Plan**

The Comprehensive Fee for each semester (after subtracting scholarships and loans for that semester) is paid to the College by *August 1 for the fall semester*, and by *January 1 for the spring semester*. This plan is generally used by families who are paying college expenses from savings or who have access to loans at favorable terms such as those described on pp. 38 and 39.

**Ten-Month
Payment Plan**

The Comprehensive Fee for each semester (after subtracting scholarships and loans for that semester), *is budgeted over five payments*. The payments are due on the *25th* day of every month, *May 25 to September 25* for the fall semester and *October 25 to February 25* for the spring semester. A per-semester fee of up to \$125 covers administrative costs.

The Ten-Month Plan was established for families who pay from current family earnings. Families able to deposit money into a savings account or prepayment program, such as the R.C. Knight Insured Tuition Payment Plan (ITPP) described below, will have funds available for August 1 and January 1 payment to Wellesley without additional administrative expense. The College cannot extend the payment period of the Ten-Month Plan.

**Prepaid Tuition
Stabilization Plan
(PTSP)**

This program provides a written contract guaranteeing that the cost of tuition will remain the same for each of four consecutive years at Wellesley College provided the student pays, by June 30, an amount equal to four times the first year's tuition cost. Provisions are made for leaves of absence (up to two semesters), refunds, and withdrawals. This program only stabilizes the cost of tuition at Wellesley College; all other charges such as room and board will be billed at the rate for the applicable year, as will tuition for any exchange program or other college at which the student enrolls.

**Payment for
Students
Receiving
Financial Aid,
Scholarships or
Loans**

Grants and loans are generally applied equally against charges for each semester. The remaining balance must be paid in accordance with one of the approved plans. A student on financial aid who has difficulty meeting the payment schedule or whose loans or grants will not arrive by the third week of classes should consult the Financial Aid Office and her Student Account Representative in the Bursar's Office.

Financing Options

To finance the Wellesley Payment Plans, several options including savings and loan programs are available whether or not a student has been awarded financial aid, other scholarships, or loans. Detailed information can be obtained from the Offices of the Bursar and Financial Aid, and are included in brochures mailed each spring. To compare details of the various plans and options see the Summary of Payment Plans and Financing Options. A brief description of each follows.

Savings Plan

R.C. Knight Insured Tuition Payment Plan (ITPP)

The R.C. Knight Insured Tuition Payment Plan is not a loan: it is a monthly budgeting and savings program that *pays interest to the participant* while it accumulates money for each semester's payment. The one time \$55 administrative fee also covers life and disability insurance for qualified participants, to protect the student's education.

Loan Plans

These are designed for families who prefer to borrow all or a portion of the Comprehensive Fee and repay the loan over a 2- to 15-year period.

Federal Plus Loan

Under this federally guaranteed loan program, parents may borrow the cost of education less financial aid and other education grants or loans from participating banks. The applicant and student must be permanent U.S. residents or citizens.

Monthly repayment begins immediately after the loan is received; however, repayment of the loan principal and, under certain conditions, interest, may be *deferred* while the borrower is enrolled or experiencing economic hardship.

R.C. Knight Extended Repayment Plan (ERP)

This plan, offered to all parents and independent students, aids budgeting. It fixes a monthly repayment amount, for the 10- to 15-year period beginning with the student's first year, of \$500 for each \$10,000 that will be borrowed annually. Life and disability insurance and a home equity option may also be available.

MassPlan Massachusetts Family Education Loan (MFEL)

This joint loan program of the Massachusetts Educational Financing Authority and Wellesley College provides low-interest rate loans and convenient repayment: \$105 per month would repay a \$10,000 fixed rate loan in 15 years; \$120 per month would repay a \$10,000 variable rate loan, at current rates, in 10 years. The full cost of education or tuition stabilization may be borrowed and a Home Equity Option is available in most states.

Federal Supplemental Loans for Students (SLS)	<p>Under this Federally guaranteed loan program, an independent student or a dependent student whose parent does not qualify for a Federal Plus Loan, may borrow up to Federal maximums if she has costs of education not met by financial aid and she has already borrowed her Federal Stafford Loan maximum.</p> <p>Interest starts to accrue immediately, but repayment may be deferred while the student is enrolled.</p>
Federal Unsubsidized Stafford Loan	<p>Under this Federally guaranteed loan program, a student 1) who has costs of education not met by financial aid and 2) who is NOT eligible (based on Federal rules for determining financial need) to borrow up to Federal maximums under the Federal Subsidized Stafford Loan Program, may borrow the difference between her subsidized Stafford Loan (if any) and the Unsubsidized Stafford program limits.</p> <p>Interest starts to accrue immediately, but repayment may be deferred while the student is enrolled.</p>
Other Financing	<p>The loan programs described above were selected by Wellesley College from a variety of available alternatives. In addition, many credit unions, banks, and other financial institutions offer trust, investment, and loan programs. Life insurance policies, pension and other union, employer or employee savings programs may provide loans with specific advantages. Some parents or other relatives or friends may apply for a loan with the understanding that the student will assume responsibility for repayment. Many Wellesley students use skills and contacts developed at the College to earn a significant portion of their tuition through summer, winter break, and term-time employment. The staff in the Offices of the Bursar and Financial Aid are available to discuss possible avenues of financing with all students and their families, whether or not the students have been awarded financial aid or scholarships.</p>

Summary of Payment Plans and Financing Options 1993-1994*

Payment Plans

	Eligibility	Annual Maximum	Payments Per Year	Years to Complete Payments
Semester Payment Plan	All families	Comprehensive Fee (\$23,815 for residents)	2	4
Ten-Month Payment Plan**	All families	Comprehensive Fee (\$23,815 for residents)	10	4
Prepaid Tuition Stabilization Plan (PTSP)***	All families	\$69,560 first year only	1 in first year only; 2 or 10 for other fees	1 4

Financing Options

Insured Tuition Payment Plan (ITPP)	All families	No maximum	8 in 1st year; 12 in years 2-4	4
Federal Parent Loan for Undergraduate Students (PLUS)	Parents or guardians of students enrolled at least half time	Total cost of attendance financial aid received	12; some deferments available	Up to 10
Federal Supplemental Loan for Students (SLS)	Independent (and certain dependent) students enrolled at least half-time who have borrowed the Stafford maximum	\$4,000 first year and second year; \$5,000 in remaining years; \$23,000 undergraduate total	12	Up to 10
Federal Unsubsidized Stafford Loan	Students enrolled half-time who are not eligible for the maximum subsidized Stafford Loan	\$2,625 in first year; \$3,500 in sophomore year; \$5,500 in junior and senior year; \$23,000 undergraduate total	12	Up to 10
MASSPLAN Family Education Loan	Families of all students enrolled at least half-time	Total cost of attendance less financial aid received	12	Up to 15 fixed rate; Up to 10 variable rate
R.C. Knight Extended Repayment Plan (ERP)	All families and self-supporting students	Cost of attendance	12	2-15

* Information on these pages pertains to fees, rates, and terms as of 3/30/93. All programs are evaluated yearly. Admitted students and their families received current information on the options in the spring prior to their September enrollment.

** To determine your monthly payment, subtract any anticipated education loans or grants from your Comprehensive Fee to calculate your "Amount Budgeted" for the table shown.

*** Applies to tuition only; remaining Comprehensive Fee paid on Semester Payment Plan or Ten-Month Payment Plan each year.

Payments Due	Annual Interest Rate	Service Fees	Insurance	Income Restrictions
August 1 January 2	None	None	None	None
Monthly; May 25-Feb. 25	None	Vary according to amount budgeted	None	None
Entire \$69,560 June 30, 1993	None	None	None	None
Payments starting May 1	Interest is earned on account balance	\$55 in 1st year only	Optional	None
Monthly; some deferments available	Variable, capped at 10%, set yearly (7.36% for 1992-93)	5% of loan	Yes	None
Monthly 1. Defer principal while in school 2. Defer Interest while in school	Variable capped at 11%, set yearly (7.36% for 1992-93)	5% of loan	Yes	None
Monthly 1. Pay interest while in school 2. Defer interest and principal while in school	Variable, capped at 9%, set yearly (6.94% for 1992-93)	6.5% of loan	Yes	None
Monthly	Fixed at 8.5% (9.55% APR) Variable, set monthly (6.01% for April 1993) Home Equity Option	6% of loan; \$35 application fee	Optional	Generally \$30,000- \$150,000; others may qualify
Monthly	Variable, capped at 18% (7.25% for 1993-94), then adjusted quarterly; Home Equity Option	\$55	Optional	None

Amount Budgeted	Administrative Fee	Monthly Payment	Total Payment
\$15,000-23,815	\$250	\$1,525-2,407	\$15,250-24,065
11,000-14,999	200	1,120-1,520	11,200-15,199
7,000-10,999	150	715-1,115	7,150-11,149
3,000- 6,999	100	310- 710	3,100- 7,099
500- 2,999	50	55- 305	550- 3,049

Financial Aid

The Wellesley College financial aid program opens educational opportunities to able students of diverse backgrounds, regardless of their financial resources. No entering first-year student should be discouraged from applying to Wellesley because of the need for financial aid. At Wellesley, admission decisions are made without regard for financial need, and only after a student is admitted does the Financial Aid staff determine the amount of aid the student requires. Approximately 70 percent of all Wellesley students receive aid from some source; over 50 percent receive financial aid based on need from the College.

At Wellesley College financial aid is given solely because of demonstrated need. Amounts vary in size according to the resources of the individual and her family, and may equal or exceed the comprehensive College fee. Although aid is generally granted for one year at a time, the College expects to continue aid as needed throughout the student's four years, provided funds are available.

Determination of the amount of aid begins with the examination of family financial resources. Using a national system of need analysis, while meeting special needs, the Financial Aid staff establishes the amount the parents can reasonably be expected to contribute. The staff also looks at the amount that the student can contribute from her earnings, assets, and benefits. The total of the parents' and the student's contributions is then subtracted from the student's budget which is comprised of the College fees, a \$1,200 book and personal allowance, and an allowance toward travel from her home area to Wellesley. The remainder equals the financial need of the student and is offered in aid while funds are sufficient. The financial aid is "packaged" in a combination of three types of aid: work, loan, and grant.

Work

Generally, a portion of a student's financial aid is met through a job on or off campus, usually as part of the federal work study program. Students are expected to devote approximately eight to ten hours a week to their jobs, earning \$1,800 a year. The Financial Aid Office packages students employment in the aid offer. The Personnel Office manages placement and pay rates for on-campus opportunities, both for financial aid students and those not qualifying for aid. It also maintains listings of off-campus opportunities.

More than 70 percent of Wellesley College students work on or off campus. Financial aid students receive priority for on-campus jobs such as office work in academic and administrative departments. Off campus, students have worked in museums, laboratories, research institutions, and community offices.

Loans

The next portion of a student's financial aid is met through low-interest loans. The 1993-94 amounts are \$2,625 for first-year stu-

dents, \$3,000 for sophomores, and \$4,400 for juniors and seniors. There are several kinds of loans available with different interest rates and terms of repayment. The suggested loan amount and loan program are specified in the aid offer.

Repayment of Loans from the College

A student who has received a loan from the College has the obligation to repay the loan after withdrawal or graduation. Before she leaves the College she should make arrangements for an exit interview with the Bursar. At that time she will be notified of her rights and responsibilities regarding the loan and will be given a repayment schedule.

In order to be eligible for aid from Wellesley, transfer students cannot be in default on prior education loans. Wellesley will not offer any federal, state, or institutional aid to students in default on prior education loans.

Grants

The remaining portion of the student need is awarded in grants by the College from its own resources, or from the federal government through the Federal Supplemental Educational Opportunity Grant and Pell Grant Programs, or from outside agencies.

Students who are eligible for other federal or state grants are required to apply. If the student does not apply, the College will not replace the amount she would have received. In addition, whenever possible, students should seek grants from local programs, from educational foundations, and from other private sources.

Academic Requirements

Evaluations of all students' academic records are made at the end of each semester by the Academic Review Board. Eligibility for financial aid may be terminated or reinstated at each evaluation period. Students must make satisfactory progress toward the degree and maintain a C average. Records are maintained by the Academic Review Board. If a student is permitted to return to the College, the Academic Review Board has judged that she is making adequate progress toward the degree. No credit is associated with course incompleteness, course withdrawal, noncredit remedial courses or course repetition; therefore, these courses are not considered in progress toward the degree.

Ordinarily, a full-time undergraduate student completes the requirements for the B.A. degree in eight semesters. A student may submit an appeal to the Academic Review Board for additional time. The Academic Review Board will consider special circumstances and may grant up to ten semesters for a full-time student or up to 14 semesters for a part-time student. A student may request financial aid for semesters beyond the usual eight if the Academic Review Board has approved the extension.

Town Tuition Grants	Wellesley College offers ten Town Tuition Grants to residents of the Town of Wellesley who qualify for admission and who meet the town's residency requirements. These students may live at home or on campus. Those who choose to live on campus may apply to the College for additional financial aid, and their applications will be reviewed in relation to the same financial aid considerations presently applicable to all Wellesley students.
ROTC Scholarships	ROTC admission criteria conflict with the nondiscrimination policy of Wellesley College (see inside back cover). Students, however, may enroll in ROTC programs offered at MIT through the College's cross-registration program. Wellesley students may apply for scholarship aid from the Air Force and Army. Interested students should contact the appropriate service office at Building 20E, Massachusetts Institute of Technology, Cambridge, MA 02139, or call: Air Force, (617) 253-3755; Army, (617) 253-4471.
Financial Aid for Transfer Students	Financial aid funds are available to assist a limited number of transfer students. If funds are available, those students with demonstrated need will be eligible to receive aid for the number of semesters determined by the Registrar as necessary for degree completion. If a transfer student does not receive a grant upon admission to the College, she will not qualify for a grant while she is at Wellesley. It is possible, however, that she may receive work-study or loans. Please refer to the section on repayment of loans, page 43.
Financial Aid for International Students	A limited amount of financial aid is available for international students. If an international student enters without aid, she will not be eligible for it in future years (see p. 30).
Financial Aid for Davis Scholars	Financial aid is offered to students who are in the Elisabeth Kaiser Davis Degree Program. Davis Scholars receive work and loan, as do regular students, as the first components of the aid package. The cost of education will vary for Davis Scholars living off campus in accordance with the number of courses for which they are enrolled.
Wellesley Students' Aid Society	The Wellesley Students' Aid Society, Inc. is an organization of Wellesley College alumnae. In addition to providing funds for grants and long-term tuition loans, the organization also serves as a resource for short-term emergency loans and other student services.
Assistance for Families Not Eligible for Aid	Wellesley has special concern for middle- and upper-income families who find it difficult to finance their daughters' education through current income. The services of the Office of Financial Aid are designed to assist all families, regardless of the need for aid. If those families do not qualify for aid, the College will assist in

several ways. Wellesley will help any student find a job, on or off campus. The College will furnish information and advice on obtaining student and parent loans. Three payment programs are offered by the College: a Semester Plan, a Ten-Month Plan, and a Prepaid Tuition Stabilization Plan. A number of financing options are available. They are described under Costs and Payments Plans, pp. 34-39.

**For Further
Information**

Detailed information on all the material summarized here is described in Wellesley's brochure *Financing Your Education*. This brochure is sent to prospective students with the admission application. Each spring updated information is available on the payment and loan programs from the Bursar's Office.

**Applying for
Financial Aid**

Applicants for admission who intend to apply for financial aid must file five forms: the Wellesley College Application for Financial Aid, the Financial Aid Form of the College Scholarship Service (FAF), the Free Application Form for Student Assistance (FAFSA), and signed copies of all pages and schedules of both the parents' and the student's most recent federal income tax returns. Additional documents are required if parents are separated/divorced or self-employed.

In reviewing resources from parents, the College considers information from both parents even if they are separated or divorced. Students entering Wellesley through the regular Board of Admission are expected to furnish parent information in their initial year and all remaining years. Students entering through the Davis Degree program who satisfy federal guidelines for self-supporting students are exempt from this requirement.

**Application
Form**

The Wellesley College Application for Financial Aid should be returned to the Director of Financial Aid, Box FA, Wellesley College, 106 Central Street, Wellesley, MA 02181-8292, by November 1 for Early Decision applicants; January 15 for Regular Decision applicants and fall semester Transfer applicants; and November 15 for spring semester Transfer applicants.

**FAFSA/FAF
Forms**

The FAFSA and the FAF should be available from high school guidance offices for new students and from Wellesley College for returning students. CSS plans for the FAF might change; so this information is tentative.

The FAFSA and FAF must be filed by February 1 for Regular Decision applicants and fall semester Transfer applicants; and by November 15 for spring semester Transfer applicants. Early Decision applicants must file the Early Version Financial Aid Form which is mailed to them after their Wellesley financial aid application is received; the Early Version Financial Aid Form must be filed by November 15. Early Decision applicants should also file the 1994-95 FAFSA and FAF by February 1.

Graduate Fellowships

A number of fellowships for graduate study are open to graduating seniors and graduates of Wellesley College, while two administered by Wellesley are open to women graduates of any undergraduate American institution, awards are usually made to applicants who plan full-time graduate study for the coming year.

Anne Louise Barrett Fellowship preferably in music, and primarily for study or research in musical theory, composition, or in the history of music; abroad or in the United States. Stipend: Up to \$3,000

Margaret Freeman Bowers Fellowship for a first year of study in the fields of social work, law, or public policy/public administration. Also eligible are MBA candidates with plans for a career in the field of social services. Preference will be given to candidates demonstrating financial need. Stipend: Up to \$1,000

Professor Elizabeth F. Fisher Fellowship for research or further study in geology or geography, including urban, environmental or ecological studies. Preference given to geology and geography. Stipend: Up to \$1,000

Ruth Ingersoll Goldmark Fellowship for study in English Literature, English Composition, or the Classics. Stipend: Up to \$1,000

Horton-Hallowell Fellowship for study in any field, preferably in the last two years of candidacy for the Ph.D. degree, or its equivalent, or for equivalent private research. Stipend: Up to \$4,000

Peggy Howard Fellowship in Economics to provide financial aid for Wellesley students or alumnae continuing their study of economics. Administered by the economics faculty who may name one or two recipients depending on the income available. Application forms for the Peggy Howard Fellowship may be obtained from the Economics Department, Wellesley College, 106 Central Street, Wellesley, MA 02181-8260. Applications and supporting materials should be returned by April 4, 1994.

Edna V. Moffett Fellowship for a young alumna, preferably for a first year of graduate study in history. Stipend: Up to \$2,500

Alice Freeman Palmer Fellowship for study or research abroad or in the United States. The holder must be no more than 26 years of age at time of her appointment, and unmarried throughout the whole of her tenure. Stipend: Up to \$4,000

Vida Dutton Scudder Fellowship for study in the field of social science, political science, or literature. Stipend: Up to \$2,000

Harriet A. Shaw Fellowship for study or research in music and allied arts, abroad or in the United States. Preference given to music candidates; undergraduate work in history of art required of other candidates. Stipend: Up to \$3,000

Mary Elvira Stevens Traveling Fellowship for a full year of travel or study outside the United States. Any scholarly, artistic, or cultural purpose may be considered. Candidates must be at least 25 years of age in the year of application. Applications may be obtained from

the Secretary to the Stevens Fellowship Committee, Alumnae Office, Wellesley College, 106 Central Street, Wellesley, MA 02181-8292, and must be filed before December 17, 1993. Stipend: \$16,000
Sarah Perry Wood Medical Fellowship for the study of medicine. Nonrenewable. Stipend: Up to \$6,000

Fanny Bullock Workman Fellowship for graduate study in any field. Stipend: Up to \$3,000

Trustee Scholarships are awarded on a competitive basis to graduating seniors who intend to pursue graduate studies. These scholarships are unrestricted as to field of study. The title Trustee Scholar is honorary and in cases of financial need stipends may be awarded to the scholars or, if not needed by them, to alternates who need financial assistance. All applications and credentials must be postmarked by December 10, 1993.

Two graduate fellowships are administered by Wellesley College and are not limited to Wellesley students or alumnae. These are open to women graduates of any American institution.

Mary McEwen Schimke Scholarship, a supplemental award for the purpose of affording relief from household and child care while pursuing graduate study. The award is made on the basis of scholarly expectation and identified need. The candidate must be over 30 years of age, currently engaged in graduate study in literature and/or history. Preference given to American Studies. Stipend: Up to \$1,000

M.A. Cartland Shackford Medical Fellowship for the study of medicine with a view to general practice, not psychiatry. Stipend: Up to \$3,500

Applications, unless otherwise noted, may be obtained from the Secretary to the Committee on Graduate Fellowships, Career Center, Wellesley College, 106 Central Street, Wellesley, MA 02181-8200. Applications and supporting materials must be postmarked no later than December 10, 1993.

Summary of Students, 1992-93

	Resident	Non-Resident	Class Totals	Totals
Candidates for the B.A. Degree				2,284
Seniors	539	28	567	
Juniors	383	14	397	
Sophomores	532	8	540	
First-Year Students	615	4	619	
Davis Scholars (CE students)	41	120	161	
High School	0	9		
Foreign/Twelve College Exchange	12	1		
Postbaccalaureate Students	2	32		
Total Registration October 1992				2,340

Geographic Distribution, 1992-93

Students from the United States and Outlying Areas

Alabama	5	Kansas	8	Ohio	53
Alaska	3	Kentucky	7	Oklahoma	3
Arizona	22	Louisiana	9	Oregon	16
Arkansas	9	Maine	33	Pennsylvania	76
California	206	Maryland	45	Puerto Rico	6
Colorado	18	Massachusetts	330	Rhode Island	21
Connecticut	92	Michigan	26	South Carolina	11
Delaware	3	Minnesota	41	Tennessee	11
District of Columbia	12	Mississippi	3	Texas	61
Florida	46	Missouri	11	Utah	15
Georgia	33	Montana	3	Vermont	15
Guam	2	Nebraska	3	Virginia	48
Hawaii	7	New Hampshire	25	Virgin Islands	2
Illinois	42	New Jersey	135	Washington	39
Indiana	10	New Mexico	8	West Virginia	9
Iowa	7	New York	325	Wisconsin	13
Idaho	6	North Carolina	15	Wyoming	1
		North Dakota	2	Total	1,952

Students from Other Countries

		U.S.				U.S.			
		Citizens				Citizens			
		International	Living			International	Living		
		Students	Abroad			Students	Abroad		
Argentina		1		Iceland		1		Saudi Arabia	2
Australia		1		India	15	2		Scotland	1
Bangladesh		1		Indonesia	1			Singapore	2
Barbados		2		Iran	4			South Africa	5
Belgium		2	1	Italy	1			Spain	2
Bermuda			1	Jamaica	4			Sri Lanka	3
Brazil		7		Japan	17			Sudan	1
Bulgaria		1		Kenya	1			Sweden	2
Canada	15	6		Korea	60	5		Switzerland	2
Cape Verde		1		Kuwait	1			Taiwan, R.O.C.	16
C.I.S.		1		Laos	1			Thailand	5
Columbia		2	2	Lebanon	3			Trinidad	4
Costa Rica		1		Malaysia	2			Turkey	1
Dominican Republic		5		Malta		1		Uganda	2
Egypt		1	1	Mexico	7	1		United Kingdom	2
El Salvador		2		Netherlands	2	1		Venezuela	2
England		4	3	Nigeria		1		Vietnam	1
France		2	4	Pakistan	6			Yugoslavia	2
Germany		4	3	Peru	3			West Indies	2
Ghana		2		Philippines	9			Zimbabwe	1
Great Britain		6		Poland	1			Total	297
Greece		2		People's Republic	16				46
Haiti		2		of China					
Hong Kong		19	5						

The Academic Program

The Academic Program

The process of learning begins with the mind and motivation of the student herself. The most tempting array of courses and the most carefully planned requirements alone will not guarantee the growth of an educated mind. The academic experience is designed for the student who seeks a broad acquaintance with the many and diverse fields of human inquiry as well as the opportunity to explore her personal intellectual interests in depth. It provides for the acquisition of knowledge and of the skills appropriate to the liberal arts but above all, it is responsive to the student who genuinely wishes to acquire the habit of learning. It seeks to stimulate the mind, refine the eye, and enlarge the capacity for free, independent and discriminating choice.

The Curriculum

The curriculum at Wellesley is structured to provide strong guidance and to allow, at the same time, great personal choice. Central to the curriculum is the concept of diversity, the concept that the student should pursue a number of disciplines during her four years at the College. Accordingly, by the time the Bachelor of Arts degree is earned, she should be acquainted with the main fields of human interest, capable of integrating knowledge from various fields, and prepared for continuous scholarly and personal growth. In her major field, the student is expected to demonstrate maturity of thought, acquaintance with recognized authorities in the field, and general competence in dealing with sources of research or analysis.

Academic Advising

At Wellesley academic advising for the first-year and sophomore student is provided by the Class Deans. The Class Dean is a central source of information about degree requirements, academic legislation, and resources available at the College to help students achieve their academic goals. She advises students about course selections and sequences, and she is available throughout a student's years at Wellesley for consultation about matters of more general intellectual and personal concern.

Students are also encouraged to consult faculty members early in their time at Wellesley for academic advice. First-year students are assigned to a pre-major faculty advisor.

The advising of juniors and seniors is shared by the faculty and the Class Deans. This arrangement provides for systematic and equitable supervision of each student's progress toward the B.A. degree. In addition, it has the double benefit of specialized advice from faculty in the major field, and detailed examination of the student's overall program.

The Learning and Teaching Center

In addition to the regular office hours all instructors hold for students needing extra help, peer tutoring is available in the Learning

and Teaching Center located in the Margaret Clapp Library. Department Tutors are trained to provide assistance in specific academic disciplines. Additionally, APT Advisors, who live in each residence hall, conduct workshops on study skills throughout the year and serve as resources on academic matters.

A noncredit reading course and reading workshops are offered several times during the semester.

**Requirements for
Degree of
Bachelor of Arts**

Each student is responsible for meeting all degree requirements and for ensuring that the Registrar's Office has received all credentials. Each candidate for the degree of Bachelor of Arts is required to complete 32 units of academic work at a C average or better. With some exceptions, described below, each semester course is assigned one unit of credit. Beginning in the fall of 1993, specific courses, designated by their departments and approved by the Committee on Curriculum and Instruction, will be assigned 1.25 units of credit. To be eligible for 1.25 units of credit, a course must meet for 300 minutes or more per week and involve, in addition, substantial time spent on course-related work outside scheduled class meetings. A student may earn no more than 2 units toward the degree as the result of the accumulation of fractional units through 1.25 unit courses taken at Wellesley. A unit of credit is equivalent to four semester-hours or six quarter-hours. The normal period of time in which to earn the degree is four years and a normal program of study includes from three to five courses a semester. The average course load is four courses per semester. First-year students are encouraged to carry a maximum of four courses each semester, but upperclass students may take five.

Courses are classified in Grades I, II, and III. Introductory courses are numbered 100-199 (Grade I); intermediate courses, 200-299 (Grade II); advanced courses, 300-399 (Grade III). Each student must include in her program at least four units of Grade III work, at least two of which shall be in the major. At least two units of Grade III work must be taken in a student's last two years. Directions for election of the major vary with the department. Please see departmental listings for specific major requirements.

**Distribution
Requirements**

In order to provide students with as much flexibility as possible, Wellesley requires no specific courses except Writing 125. To ensure, however, that students gain insight and awareness in areas outside their own major fields, the College does require that they elect three semester courses in each of three academic areas as part of the 32 units required for graduation. (Courses numbered 350—Research or Individual Study—do not satisfy this requirement.) Students who enter in the fall of 1988 and thereafter must take two of the three courses in each academic area at Wellesley. Transfer students and Davis Scholars who enter with eight units prior to

	Wellesley must take at least one of the three courses in each group at Wellesley, and students entering with 16 prior units may take the distribution requirements at Wellesley or elsewhere. The three groups of academic disciplines are:
GROUP A Literature, Foreign Languages, Art, and Music	Three units chosen from courses in Art, Chinese, English, French, German, Greek and Latin, Hebrew, Italian, Japanese, Music, Russian, Spanish, Theatre Studies; from certain courses offered by the Department of Africana Studies and in Classical Civilization; and from those extradepartmental literature courses which are designated as fulfilling the requirement in Group A.
GROUP B Social Science, Religion, Philosophy, and Education	<p>Group B¹ One or two units chosen from courses in the Departments of History, Philosophy, Religion, Women's Studies and courses offered by the Departments of Africana Studies, Education, and Classical Civilization in these fields.</p> <p>Group B² One or two units chosen from courses in the Departments of Anthropology, Economics, Political Science, Psychology, Sociology, Women's Studies, and courses offered by the Departments of Africana Studies and Education in these fields.</p>
GROUP C Science and Mathematics	Three units, at least one of which shall be a course with laboratory, chosen from courses offered in the Departments of Astronomy, Biological Sciences, Chemistry, Computer Science, Geology, Mathematics, Physics, and certain courses in Technology Studies designated as fulfilling the Group C requirement. Courses which include "with Laboratory" in the title fulfill the Group C laboratory requirement.
Foreign Language Requirement	Before the beginning of the senior year, students must exhibit a degree of proficiency in the use of one foreign language, either ancient or modern. Many students fulfill this requirement by passing one of the language tests offered by the College Board. Wellesley requires a score of 610 or better on the College Board Achievement Test, or a score of at least 3 on the Advanced Placement Examination (AP). This requirement can also be met by the completion of two units of language study at the second year college level or one unit of language study above the second year college level.

Second Year College Level Courses (before 1992-93)

Chinese:	201 (1-2), 202 (1-2) or [201 (S) (1-2)], [202 (S) (1-2)]
French:	[131-132 (1-2)] or [141-142 (1-2)]
German:	[101-103 (1-2)], or [102-103 (1-2)] or [104-105 (1-2)]
Greek:	201 (1)—[205 (2)] or Religion 298 (2)
Hebrew:	(see Religion Department), 299 (1-2)
Italian:	[202 (1)], [203 (2)], [205 (2)]
Japanese:	[207 (1-2)]
Latin:	[200 (1)]—[201 (2)]
Russian:	[200 (1-2)], 215 (1)
Spanish:	[102 (1-2)]

Second Year College Level Courses (beginning in 1992-93)

Chinese:	201 (1-2), 251 (1), 252 (2)
French:	201-202 (1-2) or 203-204 (1-2)
German:	201-202 (1-2) or 211-212 (1-2)
Greek:	201 (1)—202 (2) or Religion 298 (2)
Hebrew:	(see Religion Department), 299 (1) (2)
Italian:	201 (1), 202 (2)
Japanese:	201-202 (1-2)
Latin:	201 (1)—202 (2)
Russian:	201-202 (1-2), 215 (1)
Spanish:	201-202 (1-2)

Students may take introductory courses in only two modern foreign languages. Fulfillment of the foreign language requirement through work done at another institution must be approved by the appropriate department. Students interested in Arabic should refer to the section on the cooperative program with Brandeis on p. 62. A student whose native language is not English and who has studied that language and its literature through high school will be exempted from this requirement, subject to approval of the Class Dean and the Academic Review Board.

Writing Requirement

Each entering student is required to complete one semester of expository writing in her first year. Courses (numbered 125) are offered in the Writing Program. Transfer students and Davis Scholars who have not fulfilled a similar requirement must also complete one semester of expository writing, either a Writing 125 course or English 200. Students are expected to use acceptable standards of spoken and written English in their college work.

Multicultural Requirement

Beginning in the fall of 1990, all students entering Wellesley must complete a course primarily concerned with: (1) the peoples, cultures and societies of Africa, Asia, Middle East, Oceania, or Latin America and the Caribbean; or (2) the peoples, cultures and societies of North America that trace their historical origins to these

areas; or (3) Native American peoples, cultures and societies. The course selected must treat the chosen culture, people, or society in either a comprehensive or a comparative way. The course also must, in its treatment of the chosen culture, people, or society, expose the student to its worldview or values; explore its contemporary or historical experiences; or compare it with some aspect of another culture, people, or society. In all three cases, one of the principal goals of the course must be to allow the student to see the people, culture or society through its own eyes.

The multicultural requirement may be satisfied with a course that also satisfies a distribution requirement. A list of appropriate courses appears on pages 253-256. Students who propose to satisfy the requirement with a course not designated as a multicultural course are invited to petition the Committee on Curriculum and Instruction.

Other Requirements

In order to ensure a broad exposure to the liberal arts curriculum and to avoid premature specialization, of the 32 units required for graduation, students must elect *18 units outside any one department*. Of the last four semesters completed for the degree, a normal course load must be taken at Wellesley in two consecutive semesters.

In addition, all students must complete the physical education requirement described on pages 196-197 for which no academic credit is given.

Preparation for Engineering

Students interested in mathematics, physics, chemistry, or biology can apply these interests in a very practical way through engineering, an expanding field for women.

Engineering can be pursued at Wellesley through cross-registration with MIT. Wellesley students can prepare for graduate study in engineering by combining courses in engineering at MIT with their Wellesley science major. Students interested in an undergraduate engineering degree might try to qualify for the Double Degree Program. See p. 62.

Students interested in engineering should take mathematics and physics at Wellesley in their first year in preparation for MIT courses. Information concerning possible fields, prerequisites and contact persons at MIT is available through the Office of the Class Deans.

Preparation for Law School

The prelaw student should develop three basic competencies: skill in analysis and reasoning, effective writing and speaking, and breadth of understanding of the diverse factors that make up the community in which the legal system functions. These competencies can be developed in any field in which the student chooses to major, whether in the social sciences, the humanities, or in the natural sciences. Law schools do not specify particular major fields or particular courses of study for admission.

Preparation for Medical School

Medical, dental and veterinary medical schools require special undergraduate preparation. Students should consult as early as possible with the Health Professions Advisory Committee to plan their academic preparation to meet their individual needs and interests. Appointments can be made with the Health Professions secretary in the Science Center.

In general, most health profession schools require two units of English and two units each of the following science courses (with lab): Introductory Biology, Introductory Chemistry, Organic Chemistry, and Physics. Many schools also require mathematics, in some cases two units of calculus, and additional science courses. Veterinary schools frequently require courses such as speech, technical writing, animal nutrition, genetics, biochemistry, etc. Requirements vary and catalogues of individual schools should be consulted.

All science requirements should be completed before taking the Medical College Admission Test (MCAT) or the Dental Admission Test (DAT) which are taken approximately 16 months before entering medical or dental school. In order to receive the full support of the Health Professions Advisory Committee, undergraduate students should plan to complete at least six of the science and math course requirements at Wellesley and/or its exchange colleges.

The Major

Students may choose from among 30 departmental majors, 16 interdepartmental majors—American Studies, Architecture, Biological Chemistry, Chinese Studies, Classical Civilization, Classical and Near Eastern Archaeology, Cognitive Science, French Cultural Studies, German Studies, Italian Culture, Japanese Studies, Jewish Studies, Language Studies, Medieval/Renaissance Studies, Psychobiology and Russian Area Studies—or they may design an individual major. Of the 32 units required for graduation, at least eight are to be elected in the major.

Students who are interested in an individual major submit a plan of study to two faculty members from different departments. The plan should include four units in one department above the introductory level. The program for the individual major is subject to the approval of the Committee on Curriculum and Instruction. Some students wish to center their studies upon an area, a period, or a subject which crosses conventional departmental lines. Examples of possible area studies include African Studies and Middle Eastern Studies; of periods, the Middle Ages or the Renaissance; of subjects, Comparative Literature or Environmental Science. A model for the way an individual major might be constructed is provided in the Theatre Studies listing under majors. Structured individual majors in International Relations and Latin American Studies are described in the listing under majors.

In the second semester of the sophomore year each student elects a major field and prepares for the Registrar a statement of the courses to be included in the major. Later revisions may be made with the approval of the chair of the major department; the director of the interdepartmental major; or in the case of the individual major, with the consent of the student's advisors and the Committee on Curriculum and Instruction. Any revisions must be presented to the Registrar not later than the second semester of the junior year. Directions for election of the major vary. See departmental listings for specific requirements for the major.

The Minor

Some departments at Wellesley offer a minor. Normally, a minor consists of at least five courses, with one of them at the Grade III level. Interested students should consult the chair of the department. A minor form must be filed in the Office of the Registrar.

Academic Policies & Procedures

The academic policies and procedures of the College have been subject to continuous change and examination throughout the College history, responding to changes in student life styles and innovations in the curriculum. The policies and procedures that govern most routine aspects of academic life are described below.

Academic Standards

Academic standards at Wellesley are high, and students take full responsibility for attending classes, submitting required work on time, and appearing for examinations. If students have difficulties with course work, become ill, or have other problems which interfere with their academic work, they should consult with their Class Deans for assistance in making special arrangements for their studies. Tutoring and programs in study skills are offered through the Learning and Teaching Center.

Students are expected to maintain at least a C average throughout their college career. At the end of each semester the records of those students who are not in good academic standing are examined by the Academic Review Board. The Board will recommend sources of help and may impose conditions for continuing at the College. The College tries to provide the appropriate support services to students in difficulty. Students who show consistent effort are rarely asked to leave the College.

Academic Review Board

The Academic Review Board is the principal body for review of academic legislation and for overseeing each student's academic progress. Chaired by the Dean of Students, the Board is composed of the Class Deans, the Dean of Continuing Education, and seven elected faculty and student representatives. The student members of the Academic Review Board do not participate in discussions of

individual students' standing, but they do contribute to discussions of academic policy and of student requests for exceptions to regulations. The Board researches and recommends changes in academic policy and is also responsible for proposing an annual academic calendar. Dates of Academic Review Board meetings are posted in the Registrar's Office. A student who wishes to submit a petition to the Academic Review Board should do so in consultation with her Class Dean. She should deliver her petition, in writing, at least one week before the petition is to be considered by the Board.

**Credit for
Advanced
Placement
Examinations**

Students entering under the Advanced Placement Program of the College Entrance Examination Board, and who make the scores specified by Wellesley College, will receive credit toward the B.A. degree, provided they do not register in college for courses which cover substantially the same material as those for which they have received Advanced Placement credit. One unit of credit will be given for each AP examination to students who have received a grade of 4 or 5 with the following exceptions: one unit of credit will be given for a score of 3 and two units for a score of 4 or 5 on the Mathematics BC examination. For all art history and studio art majors, exemption from Art 100 will not be given for AP scores below 5. Not more than two units may be offered for credit in any one department. Note: the taking of a course deemed equivalent to one for which credit has been granted will nullify the credit previously awarded.

**Credit for Other
Academic Work**

Of the 32 units required for the degree of Bachelor of Arts, a student may earn a maximum of 16 units through a combination of the following: AP examinations (no more than eight); courses taken at another institution during the summer (no more than four); courses at another institution not taken during the summer (no more than eight). All students, including transfer students and Davis Scholars who entered in January 1988 and thereafter, must complete 16 units at Wellesley.

Credit may be given for a liberal arts course taken at an accredited institution for which prior approval has been obtained from the Registrar and the department chair. Credit will be given only for a course in which a grade of C or better is earned. Students should not take a course on a credit/noncredit or pass/fail basis. Students must request that an official transcript be sent to Wellesley College Registrar's Office. Transcripts should be received by October 1 for summer and previous year coursework and by March 1 for fall semester work.

First-year students must fulfill the writing requirement by completing Writing 125 at Wellesley.

Exemption from Required Studies	<p>Students may be exempted from any of the studies required for the degree, except Writing 125, provided they can demonstrate to the department concerned a reasonable competence in the elements of the course. Exemption from any of the studies required does not affect the general requirement for completion of 32 units of credit. It does, however, make it possible for some students to select more advanced courses earlier in their college careers.</p> <p>Such exemption may be achieved in one of two ways: a score of 4 (Honors) or 5 (High Honors) on the CEEB AP tests, <i>or</i> passing a special exemption examination. Permission for the exemption examination must be obtained from the chair of the department concerned. In addition to the evidence offered by the examination, some departments may require the student to present a paper or an acceptable laboratory notebook.</p>
Research or Individual Study	<p>Each academic department provides the opportunity for qualified students to undertake a program of individual study directed by a member of the faculty. Under this program, an eligible student may undertake a research project or a program of reading in a particular field. The results of this work normally are presented in a final report or in a series of short essays. The conditions for such work are described under the course numbered 350 in each department. Wellesley offers further opportunities for research and individual study. (See Honors in the Major Field.)</p>
Credit for Summer School	<p>The amount of summer school credit allowed toward the degree is limited to four units, and is not automatic. Students should consult their Class Deans before enrolling in summer school courses. In addition, students must get approval for summer school courses by May 1 first from the Registrar for the amount of credit, and then from the department chair for course content. Approval forms are available in the Registrar's Office. (A summer school course must be equivalent to four semester-hours or six quarter-hours in order to earn one full unit of Wellesley credit.)</p>
Grading System	<p>Students have the option of electing courses on a letter or nonletter grading system. At the beginning of the eighth week of a semester, students notify the Registrar and their instructor whether they plan to take a course for a letter grade or on the credit/noncredit basis. Credit is given to students who have earned a grade of C or better in the work of the course, thereby indicating satisfactory familiarity with the content of the course. If credit is not earned, the title of the course does not appear on the student's permanent record except that it is included in the total number of units attempted.</p>
Examinations	<p>An examination period occurs at the end of each semester. Within this period, students may devise their own examination schedules</p>

for the majority of courses. Examinations are scheduled for some art, music, science, and foreign language courses which require audiovisual equipment. Special examinations are offered in September for admission to advanced courses without the stated prerequisites, and for exemption from required studies.

Transcripts and Grade Reports

Official transcripts may be ordered in writing from the Office of the Registrar. The request for a transcript should include the name and address of the person to whom the transcript is to be sent, the name by which the person was known as a student at Wellesley, and the years of attendance at the College. There is a charge of \$2 for each transcript, and this fee should accompany the request. Transcripts may not be issued if a student has an outstanding bill. Grade reports are mailed to students at the end of each semester.

Registration for Courses

All returning students must register in April for the courses they select for the fall semester, and in November for the spring semester. Upon returning to college at the start of each semester, the student will be issued a schedule card of her classes. All changes to this schedule must be recorded in the Registrar's Office by the end of the first week of classes. A student will not receive credit for a course unless she has registered for it, and a student who has registered for a course will remain registered unless she takes formal action to drop it. Each student is responsible for maintaining the accuracy of her registration by informing the Registrar's Office, in writing, of any changes made to it.

Any conflicts in scheduling must be reported to the Registrar's Office immediately. A student is not permitted to take a course if it conflicts with any other course on her schedule.

Adding or Dropping Courses

Add/Drop cards are available from the Registrar's Office during the first week of classes. A student may submit only one Add/Drop card, indicating on it any changes in her schedule. New courses must be added by the end of the first week of classes. A course may be dropped at any time through the last day of classes. Permission is required from the department chair or the major advisor if a student wishes to drop a course which affects the major. If a course is dropped, before the beginning of the eighth week of classes, it will not appear on a student's record. Students are advised to consult with their Class Dean when making any changes in their program.

Auditing Courses

A student who wishes to attend a class as a regular visitor must have the permission of the instructor. Auditors may not submit work to the instructor for criticism, and audited courses will not be considered for credit. An audited course does not appear on the transcript.

Acceleration	<p>A few students complete all the requirements for the degree in less than the usual eight semesters. After two semesters at Wellesley, students who wish to accelerate should consult their Class Deans and then write a letter to the Academic Review Board, petitioning to fulfill the requirements in less than the normal period of time.</p> <p>The petition should include the month and year in which the degree requirements will be fulfilled, and all units which will be counted toward the degree.</p> <p>An accelerating student must maintain at least a C average at all times.</p>
Leave of Absence	<p>Recognizing that many students benefit educationally if they interrupt the normal sequence of four continuous years at Wellesley, the College has established a policy for temporary leaves of absence. Leaves may be taken for as short a period as one semester or as long as two years, and for a variety of reasons which may include study at another institution, work, travel, or other activities which meet personal needs. Application for leave of absence may be made to the Class Dean or Dean of Continuing Education after a student has completed at least one semester at Wellesley. First-year students who have completed only one semester may remain on leave for a maximum of three semesters. A student who goes on leave of absence cannot remain in residence on campus more than 48 hours after the effective date of leave.</p> <p>To obtain permission to spend the year at another institution as nonmatriculated students or guests, students submit a detailed plan to the Class Dean or advisor and, if a major has been chosen, to that department. The plan should list the course of study for the year and justify its relationship to the four-year program. Application for a leave of absence is due by April 1 for the fall semester and by December 1 for the spring semester. No more than eight units of credit taken during an academic year at another institution while a student is on leave may be counted toward the Wellesley degree.</p>
Voluntary Withdrawal	<p>Students who plan to withdraw must inform the Class Dean and sign an official withdrawal form. The official date of the withdrawal is the date agreed upon by the student and the Class Dean and written on the withdrawal card which is signed by the Class Dean. The withdrawal date is important in order to compute costs and refunds. (See Refund Policy p. 35.) Students who have officially withdrawn from the College cannot remain in residence on campus more than 48 hours after the effective date of withdrawal.</p>
Required Withdrawal	<p>The College reserves the right to require the withdrawal of any student whose academic work falls below its standards, who violates its rules and regulations or the rights of others, or whose</p>

continuing presence constitutes a risk to the health, safety, or general well-being of the College community or herself. In addition, the College may require the withdrawal of any student who fails to meet financial obligations to the College.

Readmission

A student who has withdrawn from the College and wishes to return should apply to the Office of the Class Deans for the appropriate forms. Readmission will be considered in the light of the reasons for withdrawal and reapplication, and in the case of resident students, available residence hall space. A nonrefundable fee of \$15 must accompany the application form for readmission.

Special Academic Programs

The traditional four-year curriculum offered at Wellesley is expanded by many special academic programs. Some are administered by the College and some are programs run by other institutions in which Wellesley students may participate. Students may participate in some while in residence at the College; others involve living at other colleges or abroad for a semester or a year.

First-Year Student Summer Enrichment Program

An academic program designed to facilitate the transition from secondary school to college is offered to approximately 30 members of the entering class who meet one or more program criteria. The month-long residential program includes noncredit courses in writing, quantitative methods, and study skills and also introduces students to dormitory life and the pleasures of the campus and its environs. The program is cost-free for participants.

Cross- Registration Program with the Massachusetts Institute of Technology

Wellesley is engaged in a program of cross-registration for students at Wellesley and the Massachusetts Institute of Technology. The program allows students to elect courses at the other institution, and extends the diversity of educational experiences available in the curricula and in the environments of both.

A Wellesley student interested in electing specific courses at MIT should consult the Exchange Coordinator or her department advisor. Registration in MIT courses takes place each semester in both the Wellesley Registrar's Office and in the Exchange Office at MIT. Students electing to take courses at MIT must register at both institutions during an extended add-drop period of one week each semester. A student will not receive credit for an MIT course unless she has registered properly for it at both MIT and Wellesley. Students must follow the instruction sheet carefully to ensure that they register for courses that are equivalent in credit to Wellesley courses.

In 1993-94 one Wellesley course, Education 102M (2), will be offered at MIT.

Wellesley Double Degree Program

Wellesley offers a Double Degree Program which enables Wellesley students who are accepted to MIT as Transfer students to earn a B.A. degree from Wellesley and a S.B. degree from MIT over the course of five years. Students fulfill degree and major requirements at both institutions. Interested Wellesley students apply for transfer admission to MIT during the spring semester of their sophomore year. They are encouraged to consider any of the 23 courses of study offered at MIT but advised that access to a given department could at times be limited for transfer students.

Wellesley applicants are subject to the same admissions criteria and financial aid policies used by MIT for all other college transfer applicants.

Accepted students do not enroll at MIT until they have completed their junior year at Wellesley. During this "bridge year," students are assigned major advisors at both institutions so that they can plan a program which will advance their work toward both degrees. During the fourth and fifth years, students enroll at MIT. Our existing Wellesley/MIT Exchange permits cross-registration throughout the five-year period; this enables students to integrate their two courses of study more completely.

Cooperative Program with Brandeis University

Wellesley has established an experimental cooperative program with Brandeis University. Students can register in a limited number of departments at the other institution. Wellesley students will be able to take courses at Brandeis in the following areas: Anthropology, Arabic, Biology, Chemistry, Classical and Oriental Studies, Economics, Philosophy, Political Science (Politics), Russian, Spanish, Women's Studies, Psychology and Linguistics, Near Eastern and Judaic Studies, Theatre Arts and Legal Studies. Students need special permission to register for courses in departments other than those listed here. All Brandeis courses must be approved individually for transfer credit and for the major by the relevant Wellesley department.

The Twelve College Exchange Program

Wellesley belongs to a consortium which includes Amherst, Bowdoin, Connecticut College, Dartmouth, Mount Holyoke, Smith, Trinity, Vassar, Wesleyan, Wheaton, and Williams. Two one-semester programs associated with the Twelve College Exchange are the National Theater Institute in Waterford, Connecticut, and the Williams Mystic Seaport Program in American Maritime Studies. Students in good standing may apply through the Office of the Exchange Coordinator for a semester or full academic year in residence at any of the member institutions. The number of places is limited and admission is competitive. Preference is given to students planning to participate in their junior year.

Students must request that transcripts be sent to the Registrar's Office to receive credit for work done away from Wellesley. Tran-

scripts should be received by October 1 for summer and previous year course work and by March 1 for fall semester work.

**The
Wellesley-
Spelman
Exchange
Program**

Wellesley maintains a student exchange program with Spelman College in Atlanta, Georgia, a distinguished Black liberal arts college for women. The program is open to students in their junior or senior year. Students apply through the Office of the Twelve College Exchange.

**The
Wellesley-Mills
Exchange
Program**

Wellesley maintains an exchange program with Mills College, a small women's college in Oakland, California, which has a cross-registration program with the University of California at Berkeley. Students apply through the Office of the Exchange Coordinator.

Study Abroad

Students may apply for admission for their junior year to programs and universities overseas, not only in Europe but in almost all parts of the world. By studying at respected universities in other countries, students gain new insights into the cultural wealth of other nations and a new perspective on their studies. Limited scholarship money is available to students eligible for financial aid. The selection of recipients for awards is made early in the second semester of the sophomore year on the basis of academic qualifications and faculty recommendations. The amount of each individual award is determined according to need. Information about these awards may be obtained from the Office of International Study.

The Office of International Study helps students with individual plans for study abroad; for example, applications for direct enrollment as visiting students in British universities. Undergraduates with strong background in their majors may apply to the International Study Committee for places at both Cambridge University and at Oxford University.

Wellesley College administers programs in Aix-en-Provence, France, and in Konstanz, Germany and shares in the governance of a program in Córdoba, Spain. The College also participates in an exchange program with the Commonwealth of Independent States and a program with Japan Women's University in Tokyo, Japan.

Students who are interested in spending the junior year abroad should consult their Class Dean and the Director of International Studies and Services, preferably during the first year, to ensure completion of Wellesley eligibility requirements. No more than eight units of credit may be earned at another institution during a one-year leave of absence.

Students must request that transcripts be sent to the Registrar's Office in order to receive credit for study done abroad. Transcripts should be received by October 1 for course work of the previous year and by March 1 for the fall semester.

Summer Study
Abroad

Students planning summer study in foreign countries should consult the Office of International Study. While Wellesley supports summer study, there are only a limited number of programs from which transfer credit will be accepted.

Wellesley awards Stecher Summer Scholarships for study of art. First consideration is given to applicants whose summer studies are related to honors projects approved for the senior year.

Waddell Summer Scholarships provide opportunities for students wishing to study in Africa or the Caribbean.

Applications for the Waddell and Stecher Scholarships require the support of the student's major department and a statement from the Director of Financial Aid showing what funds are needed to supplement the student's financial resources.

The Mayling Soong Summer Scholarship for study, either within the U.S. or abroad, of an East Asian language is available for sophomores and juniors who qualify for financial aid. Applications are available through the Special Events Office.

In addition, there are several funds to support students doing short-term internships, volunteer work or work in the ministry. These funds, excluding transportation, may be used overseas.

Washington
Summer
Internship
Program

The College sponsors summer public service internship program in Washington, D.C. The internships are for ten weeks and come with paid housing in local university dormitories and with stipends to help cover other living costs. Selection of participants is made each fall and is based on academic background, faculty recommendations, work experience, extracurricular activities, a writing sample, and an interview.

The Washington program offers an opportunity for 16-18 juniors to work in government agencies, political organizations, public interest groups, and research and cultural centers. Recent placements have included the White House Communications Office, the State Department, the Senate Judiciary Committee, the Sierra Club, the National Women's Health Network, and the National Museum of Art. In addition to their full-time jobs, interns plan and participate in a weekly seminar program designed to broaden their understanding of government, politics, and public policy. Each intern is also assigned a mentor from the Washington Alumnae Club.

For further information, contact the Department of Political Science.

Academic Distinctions

To give recognition for superior or advanced work, either upon graduation or during the student's career, the College confers a number of academic distinctions.

Departmental Honors

Students who have shown marked excellence and an unusual degree of independence in their work may participate in the Honors Program, based on their record in the major field. Current legislation requires a 3.5 average in all work above Grade I in the major field. Students with exceptional qualifications whose averages fall between 3.5 and 3.0 also may be recommended by their departments. Normally students apply to their departments in the spring of their junior year. Under this program, an eligible student may undertake independent research or special study which will be supervised by a member of the faculty. In several departments, options for general examinations, special honors seminars, and opportunities to assist faculty in teaching introductory and intermediate level courses are available to honors candidates. The successful completion of the work and of an oral honors examination leads to the award of Honors in the major field.

Other Academic Distinctions

The College names to First-Year Distinction those students who maintain high academic standing during the first year. Wellesley College Scholars and Durant Scholars are named at Commencement, based on academic records after the first year. Students with an honors average of 3.33 or higher graduate as Wellesley College Scholars *cum laude*; those with an average of 3.67 or higher are Durant Scholars *magna cum laude*; students with a 3.90 or higher average are Durant Scholars *summa cum laude*. For purposes of establishing honors, grade point averages are truncated to two decimal places.

Juniors and seniors are elected to membership in the Eta of Massachusetts chapter of Phi Beta Kappa on the basis of their total academic achievement in college. Seniors who are majoring in the sciences may be elected to associate membership in the Wellesley chapter of Sigma Xi.

On recommendation of the faculty, the trustees award the title of Trustee Scholar to four seniors who intend to pursue graduate studies. The awards are made on a competitive basis; the title is honorary. In cases of financial need, stipends are awarded to the Scholars or, if not required by them, to alternates who need financial assistance. Applications and supporting credentials should be sent to the Secretary to the Committee on Graduate Fellowships by December 1.

Certain prizes have been established at the College for the recognition of excellence in a particular field. The selection of the

recipient is made by the appropriate academic department; each award carries a small stipend or gift and usually bears the name of the donor or the person honored.

**Honors Awarded
1993**

In the Class of 1993, students achieved the highest academic standing and were named Durant Scholars, 12 of those were graduated summa cum laude, 121 were graduated magna cum laude; an additional 246 students won recognition as Wellesley College Scholars—cum laude for high academic achievement.

Courses of Instruction

A semester course which carries one unit of credit requires approximately eleven hours of work each week spent partly in class and partly in preparation. The amount of time scheduled for classes varies with the subject from two periods each week in many courses in the humanities and social sciences to three, four, or five scheduled periods in certain courses in foreign languages, in art and music, and in the sciences. Classes are scheduled from Monday morning through late Friday afternoon.

Prerequisites are given in terms of Wellesley courses, exemption examinations, AP scores, and "admission units." Admission units refer to the secondary school credits acquired in various precollege courses.

Students with disabilities who need disability-related classroom or testing accommodations are encouraged to meet with the instructor to make arrangements. The Coordinator of the Learning and Teaching Center, and the Coordinator for Services for Persons with Disabilities, are available in Clapp Library to assist students arranging these accommodations.

Legend

Courses numbered	
100-199	Grade I courses
200-299	Grade II courses
300-399	Grade III courses
Units of Credit	
	Unless stated otherwise, a course is equal to one unit of credit
(1)	Offered in first semester
(2)	Offered in second semester
(1) (2)	Offered in both semesters
(1-2)	Continued throughout the academic year. Unless specifically stated, no credit is awarded unless both semesters are completed satisfactorily
[]	Numbers in brackets designate courses listed only in earlier catalogs
(A)	Courses may be elected to fulfill in part the distribution requirement in Group A
(B)	Courses may be elected to fulfill in part the distribution requirement in Group B ¹ or Group B ² as designated
(C)	Courses may be elected to fulfill in part the distribution requirement in Group C
*	Courses with an asterisk require permission of the instructor
A	Absent on leave
A1	Absent on leave during the first semester
A2	Absent on leave during the second semester
WI	Writing intensive course

Africana Studies

Professor: *Martin^{A2}, Cudjoe (Chair)*

Visiting Professor: *Nyangoni*

Associate Professor: *Rollins*

Assistant Professor: *Brown-Collins, Howard-Matthews^A*

105 (1) (B²) Introduction to the Black Experience

This course serves as the introductory offering in Africana Studies. It explores in an interdisciplinary fashion salient aspects of the Black experience, both ancient and modern, at home and abroad. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Mr. Martin

150 (1) (2) First-Year Student Sophomore Colloquia

The colloquia have no prerequisites, although some are open only to first year students. Each course counts as one unit, and may be elected to satisfy in part one of the distribution requirements. Since class sizes are limited, students ordinarily may not enroll in more than one of these courses. They may, however, apply for more than one, indicating their preference. If a course is oversubscribed, the chair or instructor, in consultation with the class dean, will decide which applicants will be accepted. In 1993-94 no colloquia are offered.

200 (1) (B¹) Africans in Antiquity

Highlights of the African experience in the pre-Christian era: African origins of humankind; African Egypt; Nubia, Kush, and Ethiopia; Egyptian/Ethiopian influences on the beginnings of Western civilization; Africans in Greece and Rome; Africans in the Bible; ancient Africans in the Americas. *Open to all students. Satisfies the multicultural requirement.*

Mr. Martin

201 (2) (A) The African-American Literary Tradition

A survey of the Afro-American experience as depicted in literature from the 18th century through the present. Study of various forms of literary expression including the short story, autobiography, literary criticism, poetry, drama, and essays as they have been used as vehicles of expression for Black writers during and since the slave experience. *Open to all students. Satisfies*

the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.

Mr. Cudjoe

202 (B¹) Introduction to African Philosophy

Initiation into basic African philosophical concepts and principles. The first part of the course deals with a systematic interpretation of such questions as the Bantu African philosophical concept of Muntu and related beliefs, as well as Bantu ontology, metaphysics, and ethics. The second part centers on the relationship between philosophy and ideologies and its implications in Black African social, political, religious, and economic institutions. The approach will be comparative. *Open to all students. Not offered in 1993-94.*

203 (1) Introduction to African-American Sociology

Introduction to the development of institutions in the Black community from a sociological perspective. Discussion of the Black family, race, class, and power, social organization, race relations, educational issues, employment and the impact of religion. This is the same course as Sociology 203. Students may register for either Africana Studies 203 or Sociology 203. Credit will be given in the department in which the student is registered.

Ms. Rollins

204 (2) Third World Urbanization

This course is a historical and comparative examination of urban development in Africa, the Middle East, Latin America and Asia. Beginning with the origins of cities in Mesopotamia, Northeastern Africa, India, China and Central America, the course then focuses on the socio-economic structure of pre-industrial cities and the later impact of colonialism, concluding with an examination of contemporary issues of Third World cities. This is the same course as Sociology 204. Students may register for either Africana Studies 204 or Sociology 204. Credit will be given in the department in which the student is registered. *Open to all students.*

Ms. Rollins

205 (1) (B²) The Politics of Race Domination in South Africa

The politics of apartheid and racial domination in South Africa; its historical origins and present-day manifestations; the liberation struggle in South Africa; the apartheid system as a threat to

international stability. South Africa also examined within the wider context of the region and world system. *Open to all students.*

The Staff

206 (2) (B¹) Introduction to African-American History, 1500-Present

An introductory survey of the political, social, economic and cultural development of Afro-Americans from their African origins to the present. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Mr. Martin

207 (2) (B²) Images of Africana People through the Cinema

An investigation of the social, political and cultural aspects of development of Africana people through the viewing and analysis of films from Africa, Afro-America and the Caribbean. Attention will be given to aspects of people's lives during the colonial and postcolonial era in such films as "Sugar Cane Alley," "God's Bits of Wood," and "Corridor of Freedom." *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

The Staff

208 (2) (B) Women in the Civil Rights Movement

An examination of the role of women in the "classical" Civil Rights Movement (i.e., from the Montgomery Bus Boycotts in 1955 to the passage of the Voting Rights Act in 1965). Particular attention will be paid to the interplay between the social factors of the women (e.g., their class, religiosity, race, regional background and age) and their attitudes and behavior within the Movement. Essentially, women's impact on the Civil Rights Movement and the effects of the Movement on the women involved are the foci of this course. *Open to all students except those who have taken 311.*

Ms. Rollins

209 (1) Culture, Music and Society in Africa

A survey and appreciative evaluation of the music of Africa, its origins, development and relations to the socio-cultural conditions. The concept of homogeneity of African music will be explored in an effort to arrive at a comprehensive appraisal of the diversity and continuity of the continent's musical styles. Using field recordings, long playing records and documentary films, the

student will be exposed to the aesthetics and ethos of the peoples of Africa. *Open to all students. Not offered in 1993-94.*

The Staff

210 (1) Folk and Ritual Music of the Caribbean

An appreciative evaluation, discussion and analysis of the folk and ritual music of the Caribbean. An effort will be made to survey the musical component of the following Afro-Caribbean religions: Kumina, Rastafari, Shango, Candomble, Macumba, Umbanda, Winti, Vodun, Santeria, Lucumi, Quimboiseur. The concept of marginal retentions and basic issues in the study of African retentions in the Americas will be explored. Using field recordings, long playing records and documentary films, the student will be exposed to the aesthetics and ethos of the peoples of African descent living in the Caribbean. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94.*

The Staff

211 (1) (A) Introduction to African Literature

The development of African literature in English and in translation. Although special attention will be paid to the novels of Chinua Achebe, writers such as Ngugi Wa Thiongo, Camara Laye, Wole Soyinka, Mirama Ba, Nawal El Saadawi and Buchi Emecheta will also be considered. The influence of oral tradition on these writers' styles as well as the thematic links between them and writers of the Black awakening in America and the West Indies will be discussed as time allows. *Open to all students.*

Mr. Cudjoe

212 (2) (A) Black Women Writers

The Black woman writer's efforts to shape images of herself as Black, as woman and as artist. The problem of literary authority for the Black woman writer, criteria for a Black woman's literary tradition and the relation of Black feminism or "womanism" to the articulation of a distinctively Black and female literary aesthetic. *Open to all students. Satisfies the multicultural requirement.*

Mr. Cudjoe

213 (2) Economy and Society in Africa

This introductory course is concerned with human beings and the social systems by which they organize their activities to satisfy their needs (e.g., food, shelter clothing) and non-material wants (e.g., education, knowledge, and spiritual

fulfillment). This course considers perspectives on the interaction of economic and other variables in African societies. *Open to all students.*

Mr. Nyangoni

214 (1) (B²) The Supreme Court and Racial Equality

An analysis of the Supreme Court and its impact on the lives and experiences of Black Americans. Particular concern will focus on the Court's role as protector-creator of fundamental rights and privileges for Black Americans. *Open to sophomores, juniors, and seniors without prerequisite and to first year students by permission of the instructor.*

The Staff

215 (1) (B²) Introduction to Afro-American Politics

An introductory examination of the efforts by Blacks in the United States to realize various degrees of political effectiveness within the context of U.S. politics. Particular attention will be focused on the special difficulties presented by the phenomena of race and racism as Blacks have sought to enjoy full citizenship status in the U.S. Some comparisons with other groups in the American political system offered and considerable emphasis on conflicting theories of participation. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Ms. Howard-Matthews

216 (1) (B¹) History of the West Indies

Survey of political, economic, and sociological factors shaping West Indian society. Topics covered include Africans in the New World before Columbus, genocide against the indigenous peoples, slavery and slave revolts, immigration and emigration, the West Indies and Africa, the West Indies and Afro-America, the struggle for majority rule, the spread of United States influence, independence and its problems. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Mr. Martin

217 (1) The Black Family

An overview of the African-American family in sociological, psychological, economic, anthropological and historical perspectives. Examination of the complex interplay of self-definitions societal and community definitions among African-American women, men and children within the context of their families. Exploration

of changing sex roles among African-American women and men will be discussed also. *Satisfies the multicultural requirement.*

Ms. Brown-Collins

218 (2) (B²) Domestic Service in Cross-Cultural Perspective

A sociological examination of the occupation of domestic service in a number of locations in the world, including North America, Latin America, the Caribbean, Africa, the Middle East and Asia. Patterns that are common to the occupation regardless of location as well as aspects that are regionally distinct will be identified. Throughout the course, the relationship between the institution of domestic service and systems of stratification (class, race/ethnicity and gender) will be explored. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Ms. Rollins

221 (1) Public Policy and Afro-American Interests

Analysis of the diverse roles of Afro-Americans in the making of public policy with some coverage of the significance of class and gender. Critical issues facing public policy as a discipline also addressed. Class simulates the intricate procedures of setting policy in several areas. Satisfies the multicultural requirement. *Not offered in 1993-94. Offered in 1994-95.*

Ms. Howard-Matthews

222 (2) (B¹) Images of Blacks and Women in American Cinema

A study of the creation of images and their power to influence the reality of race and sex in the American experience. Viewing and analysis of American cinema as an artistic genre and as a vehicle through which cultural and social history is depicted. *Open to all students.*

The Staff

223 (1) African Development Since 1940

Survey of the African development experience emphasizing major development theories and strategies, explanations for the contemporary state of affairs and case studies, usually from Ghana, Ivory Coast, Kenya, Tanzania, Zambia, and Libya. Topics: colonial rule and nationalist struggles, class formation and policy making, party systems, sectoral performance and regional integration. Satisfies the multicultural requirement. *Not offered in 1993-94.*

Ms. Howard-Matthews

225 (1) (B²) Introduction to Black Psychology

Issues and perspectives in the study of the psychological development of Black people in America, past and present. Special consideration to such issues as: The Afrocentric and Eurocentric ethos, the nature of Black personality as affected by slavery and racism, psychological assessment, treatment and counseling techniques, and the relationships between psychological research and social policy in American research. *Open to all students. Satisfies the multicultural requirement.*

Ms. Brown-Collins

229 (2) Color, Race and Class in Latin American Development

An examination of the identifiable African and Native American populations in Cuba, Nicaragua, and Brazil. This course addresses historical and contemporary roles of these populations in the socio-economic transformation of their societies and their involvement in the political process. The course also examines the degree to which shades of difference within racial groups, as well as differences between races, influence social stratification in socialist and capitalist societies. Self-help strategies designed by African and Native American people and their responses to specific state policies will also be examined. *Satisfies the multicultural requirement.*

The Staff

230 (2) (B²) The Black Woman in America

Exploration of the characteristics, lifestyles, and reflective thought of Black women in the western hemisphere from a multi-disciplinary perspective. There will be readings from essays, novels, sociological studies, psychological studies, historical works, poetry and fiction about the lives of Black women. *Open to all students. Satisfies the multicultural requirement.*

Ms. Brown-Collins

234 (2) (A) Introduction to West Indian Literature

Survey of contemporary prose and poetry from the English-speaking West Indies. Special attention paid to the development of this literary tradition in a historical-cultural context and in light of the perspectives recent literary theories offer. Authors to include: V.S. Naipul, Derek Walcott, Wilson Harris, Jean Rhys, and others. *Open to all students. Not offered in 1993-94.*

Mr. Cudjoe

245 (2) Caribbean and African Comparative Politics

Examination of the similarities and differences found in the political economies of Africa and the Caribbean. Emphasis on their entry into the world system and the development of commodity production, classes and patterns of trade. Structure of government and participation in regional organizations are also covered. Case studies include Zimbabwe, Ethiopia, Namibia, Ghana, Jamaica, Cuba and Grenada. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Ms. Howard-Matthews

266 (2) (A) Black Drama

This course will examine 20th-century Black drama, with a special emphasis on the period of its efflorescence during the Black Arts Movement of the 60s and 70s. We will also explore the Black theatre as a medium of aesthetic expression and communal ritual as well as an instrument of political consciousness and social change. Playwrights will include Douglass Turner Ward, Alice Childress, Ossie Davis, Lorraine Hansberry, James Baldwin, Ed Bullins, Adrienne Kennedy, LeRoi Jones (Amiri Baraka), Ntozake Shange, and others. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

The Staff

298 (2) African Drama

This course introduces students to the origins and development of African drama as a cultural, social and political vehicle for expression and protest. The course will focus on West Africa, East Africa and South Africa where theatre is an effective vehicle for social and political change. It includes the works of such major African playwrights as Wole Soyinka of Nigeria, Ngugi wa Thiong'o of East Africa, and Athol Fugard of South Africa. *Not offered in 1993-94.*

The Staff

304 (2) Comparative Historical Redress in Modern Society

This course examines state response to contemporary social problems associated with conflict and injustice rooted in history. Using comparative policy case studies from India, Australia, Nigeria, France and Sudan, students will generate theories, construct sets of policy guidelines and categorize conditions influencing the success or failure of historical redress in modern society. Students then will apply their models and theo-

ries to vexing policy choices made by the United States government, including 1) affirmative action as a specific form of historical redress relevant to racial and gender discrimination, 2) monetary reparation as redress to internment during World War II and 3) land redistribution as an attempt to redress land usurpation and genocide. *Satisfies the multicultural requirement.*

The Staff

305 (1) (B²) African American Feminism

This course is a survey of African American feminist thought from the early 19th century to the present. Through an examination of the writings of African American women from Maria Stewart, Frances Ellen Harper and Anna Julia Cooper to Audre Lorde, bell hooks and Angela Davis, the course will explore African American feminist ideas on women's work, family, the relationship between feminism and black nationalism, and the African American conceptualization of womanhood. *Prerequisite: 230 or Women's Studies 120 or by permission of the instructor.*

Ms. Rollins

306 (2) (B²) Urban Development and Planning: Comparative Case Studies

A comparison of the development experiences of four urban centers. It assumes that modernization and economic growth have consequences which simultaneously generate prosperity for some groups and institutions and underdevelopment for others. The course examines urban development policies, political activities designed to change them and factors determining the distribution of urban resources. The cities under study include Atlanta, and New Orleans in the United States, Dar es Salaam, Tanzania and Nairobi, Kenya. *Prerequisite: one 200-level Group B unit or by permission of the instructor. Not offered in 1993-94. Offered in 1994-95.*

Ms. Howard-Matthews

310 (1) (A) Seminar. Black Literature

Not offered in 1993-94.

315 (2) Seminar. The Psychology of Race Relations

Examination of the psychology of prejudice and racism as they exist in American society. Exploration of the causes, development, expressions and consequences of prejudice and racism through experiential exercises, readings, group projects and discussions. Students will be encouraged to gain personal insight into the nature of

prejudice-acquisition as well as to understand the theoretical complexity of its nature. *225 is strongly recommended. Satisfies the multicultural requirement.*

Ms. Brown-Collins

318 (2) Seminar. Women and the African Quest for Modernization and Liberation

Comparative analysis of the role of women in development with emphasis on the struggle within struggle—the movement to achieve political and economic progress for Africa and its people and the struggle within that movement to address problems and issues that directly affect women. Exploration of women's participation in political movements and ways to improve the status of women. *Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Ms. Howard-Matthews

319 (2) (B¹) Pan-Africanism

The historical efforts of African peoples all over the world to unite for their mutual advancement. Such topics as 19th-century emigrationist movements to Liberia and elsewhere, the role of African-American churches in African nationalism, the Pan-African Congresses of W.E.B. DuBois, the Garvey Movement, the Communist International and Pan-Africanism, Pan-Africanism in the 1960s, Pan-Africanism on the African continent. *Open to juniors and seniors with a strong background in Africana Studies and by special permission to sophomores. Instructors signature required. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Mr. Martin

335 (2) (A) Women Writers of the English-Speaking Caribbean

An examination of the women writers of the English-speaking Caribbean, their contexts and contributions to West Indian literature. Special attention shall be given to their contributions to contemporary feminist discourses. Readings include the writings of Rhys, Guy, Kincaid, Hodge, Nunez-Harrel, Allfrey, Shinebourne, Goodison and critical essays by these and other writers. This course will emphasize research techniques and independent projects. *Prerequisite: same as 319. Not open to students who have taken 235. Satisfies the multicultural requirement.*

Mr. Cudjoe

340 (1) (B¹) Seminar. Topics in African-American History

Topics for 1993-94. Booker T. Washington, Marcus Garvey and W.E.B. DuBois. Open to juniors and seniors with a strong background in Africana Studies and by permission of the instructor to sophomores.

Mr. Martin

344 (1) (B²) Seminar. Interdisciplinary Perspectives in Black Family Studies

An examination of the evolution of the Black American family and an analysis of its intrafamilial structure and interface with other social institutions, the State and Public policies. Critical evaluation of the scholarship on Black family studies. Consideration of the historical development of Black nuclear and/or extended families, and male and/or female headed households. Analysis of kinship modes, sexuality, age and gender relations, child care, family planning, the rural-urban setting, migration, land loss and unemployment; and the legal and economic infrastructure of the State and public welfare policies. *Open to qualified juniors and seniors. Not offered in 1993-94. Offered in 1994-95.*

The Staff

345 (2) (B²) Seminar. Women and International Development

Interdisciplinary approaches to examining the impact of change on contemporary events which have shaped international development with an analysis of applicable development theories as they identify salient issues in women's lives. The cross-cultural focus examines Women of Color in the West and elsewhere in the Third World through some of these issues: agriculture, health, nutrition, urban living, education and communications, family planning, women's organizations, technology, the law, energy, migration and employment, public administration and religion. *Open to qualified juniors and seniors. 230 is strongly recommended. Not offered in 1993-94. Offered in 1994-95.*

The Staff

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

The following courses are offered as related work by other departments where they are described. Courses from this list may be counted toward the major, provided that a minimum of six courses is elected from the Africana Studies departmental offerings.

Art 241 (1)
Egyptian Art

Art 392 (2)
American Folk Art

History 263 (1)
South Africa in Historical Perspective. *Not offered in 1993-94.*

History 264
History of Precolonial Africa. *Not offered in 1993-94.*

History 265
History of Modern Africa. *Not offered in 1993-94.*

History 342 (1)
Seminar. Women, Work and the Family in African History.

Psychology 225 (1)
Introduction to Black Psychology

Sociology 203 (1)
Introduction to African American Sociology

Directions for Election

The requirements for the major are consistent with the concept of Africana Studies as a multidisciplinary field of study. The requirements are designed to provide a wide range of knowledge and analytical ability as well as a firm foundation in an area of specialization, such as sociology, history, political science, or literature.

It is suggested that two units be elected in each of the three general areas of Black history, humanities, and the social sciences as multidisciplinary training. As the basic introduction to the discipline of Africana Studies, 105 is strongly recommended of all majors. Units taken at another institution to fulfill any departmental requirements must be approved by the department.

A minimum of six courses must be elected from Africana Studies department courses. The others may be elected, after consultation with your advisor.

sor, from related courses taught in other departments or from courses taken on exchange.

A minor in Africana Studies consists of five units. 105 is strongly recommended. At least three should be above the 100 level, and at least one must be at the 300 level. In keeping with the interdisciplinary nature of the department, it is recommended that at least one course must be taken from among those courses in the department that satisfy the distribution requirement in Groups A and B.

American Studies

AN INTERDEPARTMENTAL MAJOR

Director: Rosenwald (English)

The American Studies major seeks to understand the American experience through a flexible yet integrated program of study.

For students who have declared the major by June 1, 1991, the requirements for the major are as follows: eight courses are required for a minimum major, including two Grade III level courses. To ensure sufficient concentration in a single American field, at least four courses above the Grade I level must be elected in one department; and at least one of these must be a Grade III course. Majors must also complete American Studies 317 or 318, the required integrative seminar; it is recommended that majors elect this course in their junior or senior year.

For students declaring the major after June 1, 1991 and before June 1, 1993, and for all students of the class of 1994, the requirements for the major are as follows: nine courses are required for a minimum major, including two Grade III level courses plus American Studies 317 or 318, the required integrative seminar. At least two of these nine courses must be taken in group A, and at least two must be taken in group B. To ensure sufficient concentration in a single American field, at least four courses above the Grade I level must be elected in one department; and at least one of these must be a Grade III course. It is recommended that majors elect the integrative seminar in their junior or senior year. Students without a good grounding in American history are urged to consider taking History 203 and/or 204.

For students declaring the major after June 1, 1993 who do not belong to the class of 1994, the requirements are the same as those stated in the previous paragraph, with the additional requirement that the program for the major must include American Studies 101: Introduction to American Studies.

Within this structure students are encouraged to explore the diversity of American culture, and the many ways to interpret it. Most courses at the College that are primarily American in content may be applied to the American Studies major.

101 (1) Introduction to American Studies

A broad investigation into the American character, designed to acquaint students briefly with

consequential primary and secondary texts. The course will be organized under thematic rubrics—for example, America as a “city on a hill”; the commercial ideal; the frontier; the melting-pot; and Disneyland. We will read numerous short selections by authors from Cotton Mather and Crèvecoeur to Raymond Chandler and Baudrillard. We will also read two or three novels (such as *My Antonia* and *The Great Gatsby*) and see two or three films (perhaps *Birth of a Nation* and *Gone With the Wind*). *Open to all students.*

Mr. Cooper (English)

317 (1) Seminar. Advanced Topics in American Studies

Topic for 1993-94: Mugwumps, Suffragettes, and Other Social Critics. At the end of the 19th century and the beginning of the 20th, capitalism and imperialism were riding high in the United States. Yet there were also those who were rightly discontent, those who were outraged by injustice, and those who tried to do something about it. This seminar will be an interdisciplinary study of some of these groups. The philosopher William James was a Mugwump; we shall read some of his essays as well as some of his letters to newspapers. We shall read advocates of women's suffrage (Elizabeth Cady Stanton, Susan B. Anthony) and Henry James's *The Bostonians*. We shall learn from Jane Addams about the settlement house movement, and from W.E.B. DuBois and Booker T. Washington about the struggle of black Americans. If time permits, we shall also look at some issues concerning labor. Enrollment is limited and preference is given to American Studies majors. *Permission of the instructor is required.*

Mrs. Putnam (Philosophy)

318 (2) Seminar. Advanced Topics in American Studies

Topic for 1993-94: Race and Poverty in American Society. The United States is a uniquely multi-racial society, formed through processes such as slavery, voluntary immigration, and the conquest of indigenous peoples. As a nation, it holds fundamentally divergent and often conflicting stances towards its racial and ethnic diversity: on the one hand tolerance and a civic culture of equality, on the other hand nativism, racial exclusion, and an often violent resistance to incorporation of some groups within that civic culture. This seminar focuses on these apparently contradictory stances, examining through detailed historical and ethnographic studies of particular groups how at various historical moments one stance comes to predominate over the other.

The course will also explore the meanings of poverty in American society and the ambiguous but critical relationships between social class and race. Enrollment is limited and preference is given to American Studies majors. *Permission of the instructor is required.*

Ms. Merry (Anthropology)

350 (1) (2) Research or Individual Study 1 or 2
Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of director. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

The following is a list of courses available that may be included in an American Studies major. If a student has a question about whether a course not listed here can count toward the major, or if she would like permission to focus her concentration on a topic (e.g., law) studied in more than one department, she should consult the Director.

Africana Studies 150 (1) (2)

a. (1)(B²) The Internationalization of Black Power. *Not offered in 1993-94.*

b. (1)(A) Black Autobiography. *Not offered in 1993-94.*

e. (A) The Harlem Renaissance. *Not offered in 1993-94.*

f. (B¹) 1919: The Year of the New Negro. *Not offered in 1993-94.*

Africana Studies 201 (2)(A)

The Afro-American Literary Tradition. *Not offered in 1993-94.*

Africana Studies 203 (1)

Introduction to African-American Sociology

Africana Studies 206 (2)(B¹)

Introduction to African-American History, 1500—Present. *Not offered in 1993-94.*

Africana Studies 208 (2) (B)

Women in the Civil Rights Movement

Africana Studies 212 (2)(A)

Black Women Writers

Africana Studies 214 (1) (B²)

The Supreme Court and Racial Equality

Africana Studies 215 (1) (B²)
Introduction to Afro-American Politics. *Not offered in 1993-94.*

Africana Studies 217 (1)
The Black Family

Africana Studies 221 (1)
Public Policy and Afro-American Interests. *Not offered in 1993-94.*

Africana Studies 222 (2) (B¹)
Images of Blacks and Women in American Cinema

Africana Studies 225 (1) (B²)
Introduction to Black Psychology

Africana Studies 230 (2) (B²)
The Black Woman in America

Africana Studies 266 (2) (A)
Black Drama. *Not offered in 1993-94.*

Africana Studies 305 (1) (B²)
African American Feminism

Africana Studies 315 (2)
Seminar. The Psychology of Race Relations

Africana Studies 335 (2) (A)
Women Writers of the English-Speaking Caribbean

Africana Studies 340 (1) (B¹)
Seminar. Topics in African-American History. Topic for 1993-94: Booker T. Washington, Marcus Garvey and W.E.B. DuBois

Africana Studies 344 (1) (B²)
Seminar. Interdisciplinary Perspectives in Black Family Studies. *Not offered in 1993-94.*

Anthropology 210
Racism and Ethnic Conflict in the United States and the Third World. *Not offered in 1993-94.*

Anthropology 212
The Anthropology of Law and Justice. *Not offered in 1993-94.*

Anthropology 234 (2)
Urban Poverty

Anthropology 342 (2)
Seminar. Native American Ethnology

Art 231 (1)
Architects and Buildings of 19th-Century North America

Art 232 (2)
American Painting from Colonial Times to World War II

Art 309 (1)
Seminar. Problems in Architectural History. Topic for 1993-94: Architects and Clients: How Architecture Happens.

Art 320 (1)
Seminar. Genre Painting in Nineteenth-Century North America

Art 340 (2)
Seminar. Personalities and Products of the Arts and Crafts Movement in Boston, 1887-1927

Economics 204 (1)
U.S. Economic History

Economics 234 (2)
Government Policy: Its Effect on the Marketplace

Economics 243 (1)
Race and Gender in U.S. Economic History

Education 212 (1) (B¹)
History of American Education

Education 214 (2) (B^{1,2})
Youth, Culture and Student Activism in Twentieth-Century America

Education 312 (1) (B¹)
Seminar. History of Child Rearing and the Family

English 261 (2)
The Beginnings of American Literature

English 262 (1)
The American Renaissance

English 266 (1) (2)
Early Modern American Literature

English 267 (1) (2)
Late Modern and Contemporary American Literature

English 363 (2)
Advanced Studies in American Literature. Topic for 1993-94: The Idea of Reform: Emerson, Hawthorne, Henry James

English 364 (1)
Race and Ethnicity in American Literature. Topic for 1993-94: American Babel

Extrdepartmental 232 (2)
New Literatures: Lesbian and Gay Fiction in America

History 203 (1)
History of the United States, 1607-1877

History 204 (2)
History of the United States, 1877-1968

History 250

Race and Ethnicity in Early America. *Not offered in 1993-94.*

History 251

Nationhood and Nationalism: America, 1750-1850. *Not offered in 1993-94.*

History 257 (1)

History of Women and Gender

History 258 (2)

Freedom and Dissent in American History

History 291 (1)

1968: The Pivotal Year

History 345 (2)

Seminar. The American South. Topic for 1993-94: Race and Region in U.S. History

History 346

China and America. The Evolution of a Troubled Relationship. *Not offered in 1993-94.*

History 354

Seminar. Family History. *Not offered in 1993-94.*

Music 225/335 (1)

Topics in Ethnomusicology

Philosophy 222

American Philosophy. *Not offered in 1993-94.*

Political Science 200 (1) (2)

American Politics

Political Science 210 (2)

Political Participation

Political Science 212

Urban Politics. *Not offered in 1993-94.*

Political Science 215 (1) (2)

Courts, Law, and Politics

Political Science 311 (1)

The Supreme Court in American Politics

Political Science 312 (2)

The Criminal Justice System

Political Science 313

American Presidential Politics. *Not offered in 1993-94.*

Political Science 314 (1)

Congress and the Legislative Process

Political Science 316 (2)

Mass Media in American Democracy

Political Science 317 (2)

The Politics of Health Care

Political Science 318 (1)

Seminar. Conservatism and Liberalism in Contemporary American Politics

Political Science 320

Seminar. Inequality and the Law. *Not offered in 1993-94.*

Political Science 321

The United States in World Politics. *Not offered in 1993-94.*

Political Science 333 (1)

Seminar. Ethics and Politics

Political Science 334 (2)

Seminar. Presidential-Congressional Relations

Political Science 335

Seminar. The First Amendment. *Not offered in 1993-94.*

Political Science 336 (1)

Seminar. Women, the Family, and the State

Political Science 340 (2)

American Political Thought

Religion 218

Religion in America. *Not offered in 1993-94.*

Religion 220

Religious Themes in American Fiction. *Not offered in 1993-94.*

Religion 221

Catholic Studies. *Not offered in 1993-94.*

Religion 318 (1) Seminar.

Religion in the American Revolution

Sociology 103 (2)

Social Problems: An Introduction to Sociology

Sociology 203 (1)

Introduction to African-American Sociology

Sociology 207

Criminology. *Not offered in 1993-94.*

Sociology 209 (2)

Social Inequality: Class, Race, and Gender

Sociology 213

Law and Society. *Not offered in 1993-94.*

Sociology 215 (2)

Sociology of Popular Culture

Sociology 216 (1)

Sociology of Mass Media and Communications

Sociology 228 (1)

Sociology of the Workplace

Sociology 229

Organizations and Organizational Behavior. *Not offered in 1993-94.*

Sociology 311

Seminar. Family and Gender Studies. *Not offered in 1993-94.*

Sociology 324 (2)

Seminar. Social Change. Topic for 1993-94: The American State: A Sociological Examination from the Civil War to the Present

Sociology 338

Seminar. Topics in Deviance, Law and Social Control. *Not offered in 1993-94.*

Spanish 255 (2)

Chicano Literature: From the Chronicles to the Present

Spanish 305 (1)

Hispanic Literature of the United States

Women's Studies 222 (2)

Women in Contemporary Society: Different Ways of Knowing

Women's Studies 250

Asian Women in America. *Not offered in 1993-94.*

Women's Studies 316

Seminar. History and Politics of Sexuality in the United States. *Not offered in 1993-94.*

Women's Studies 320 (2)

American Health Care History in Gender, Race and Class Perspective

Women's Studies 330 (2)

Seminar. Twentieth-Century Feminist Movements in the First and Third World

Anthropology

Professor: *Kohl, Merry, Shimony (Chair)*

Associate Professor: *Bamberger*

Teaching Assistant: *Giordani*

104 (1) (2) Introduction to Anthropology

This course introduces students to fundamental concepts in the analysis of human behavior and social life, beginning with a discussion of human evolution and the emergence of the family. Through a comparative study of tribal and peasant societies, variations in kinship, politics, economics, and religion are explored. Attention is also given to the cultural changes of these societies in the contemporary world. *Open to all students. Satisfies the multicultural requirement.*

Mrs. Shimony, Ms. Merry

106 (1) Introduction to Archaeology

A survey of the development of archaeology. The methods and techniques of archaeology are presented through an analysis of excavations and prehistoric remains. Materials studied range from early hominid sites in Africa to the Bronze Age civilizations of the Old World and the Aztec and Inca empires of the New World. Field trips to neighboring archaeological sites will be planned. *Open to all students.*

Mr. Kohl

200 Current Issues in Anthropology

An examination of current controversial issues in anthropology. Topics covered will include Sociobiology, Race and Intelligence, Anthropological Interpretations of Malthus, the Culture of Poverty, and Neo-Colonialism. *Open to sophomores, juniors, and seniors without prerequisite, and to first year students with previous anthropological experience, and by permission of the instructor. Not offered in 1993-94.*

204 (2) Physical Anthropology

The origin of humans as a sequence of events in the evolution of the primates. This theme is approached broadly from the perspectives of anatomy, paleontology, genetics, primatology, and ecology. Explanation of the interrelationship between biological and sociobehavioral aspects of human evolution, such as the changing social role of sex. Review of the human fossil record and the different biological adaptations of the polytypic species *Homo sapiens*. *Open to all students.*

Mr. Kohl

205 Social Anthropology

This course covers some of the classic works in social anthropology by British-, French-, and American-trained twentieth century scholars. Students will be asked to reconsider the ethnographic enterprise (i.e., the relationship between field work and the anthropological text) in light of competing interpretations. Topics considered will include the social relations of exchange, family and community, the role of authority, witchcraft and ritual, and the uses of cultural symbols by village, tribe and nation. *Prerequisite: 104 or by permission of the instructor. Not offered in 1993-94.*

210 Racism and Ethnic Conflict in the United States and the Third World

A comparative view of racial and ethnic conflict in Western and non-Western societies, focusing on underlying social processes and barriers to intercultural communication. Topics for discussion include the history of American immigration, racial conflict in American neighborhoods, school busing, separatist movements, refugee problems, and the competition for subsistence in multi-ethnic nations. *Prerequisite: 104, or one unit in Sociology, Africana Studies, Political Science, or Economics, or by permission of the instructor. Satisfies the multicultural requirement. Not offered in 1993-94.*

212 The Anthropology of Law and Justice

Cross-cultural examination of modes of resolving conflict, processes of social control, and mechanisms for constructing laws in the U.S. and non-industrial societies. The course will focus on war, peace, and conflict. It will examine the nature of law, legal and non-legal dispute resolution, and the imposition of law in colonial and post-colonial situations. Topics include legal change and development, the role of the court in American communities, and court reform efforts such as the American dispute resolution movement. *Prerequisite: 104, or one unit in Political Science or Sociology, or by permission of the instructor. Satisfies the multicultural requirement. Not offered in 1993-94.*

234 (2) Urban Poverty

An anthropological analysis of urban poverty in the U.S. and the Third World. Cultural and structural interpretations of poverty. The strategies of the poor for coping with poverty. Ameliorating poverty as a problem in applied anthropology. *Prerequisite: 104 or one unit in Sociology, Political Science, Economics, or European History;*

open to juniors and seniors without prerequisite. Satisfies the multicultural requirement.

Mrs. Shimony

236 (2) Witchcraft, Magic and Ritual: Theory and Practice

An exploration of anthropological approaches to the study of witchcraft, magic and ritual with emphasis on their social and cultural aspects in non-Western (Brazil, Africa and Mexico) and West European societies. Discussion of the role of the ritual practitioner (shaman, sorcerer, priest), the efficacy of words and the power of ritual objects, the organization of sacred time and sacred space, and the connections between ritual, myth and belief. A fieldwork component will be an option, permitting the student an opportunity to observe and analyze a ritual event. *Prerequisite: 104.*

Ms. Bamberger

242 (2) The Rise of Civilization

A comparative survey of the emergence of the Early Bronze Age civilizations in Mesopotamia, Egypt, the Indus valley, and Shang China, as well as pre-Columbian developments in Mesoamerica and Peru. The course will examine ecological settings, technologies, and social structures of the earliest complex urban societies. *Open to all students.*

Mr. Kohl

244 Societies and Cultures of the Middle East

Comparative study of political, economic, and other social institutions of several major cultures of the Middle East. Traditionalism vs. modernization. International conflict in anthropological perspective. *Prerequisite: 104, or one unit in Political Science, Economics, Sociology, or History. Not offered in 1993-94.*

245 Popular Cultures in Latin America

This course presents the beliefs and customary practices, such as popular forms of music, drama, dance, oral/written literature and mass media in Latin America and analyzes how race, class, ethnicity, gender, and the State influence and have an impact on the production of popular culture. The course focuses particularly on the popular cultures of Venezuela and the Caribbean basin. *Not offered in 1993-94.*

247 (1) Societies and Cultures of Eurasia

A survey of the non-Russian, largely non-European peoples of the former Soviet Union (particularly ethnic groups in Transcaucasia, Central Asia, and Siberia). The course will review how traditional cultures in these areas changed during the years of Soviet rule and will examine the problems they face today with newly-gained independence or greatly increased autonomy. Nationality policies of the former Soviet Union will be discussed with a particular emphasis on how they affect the current territorial disputes and conflicts among different ethnic groups (e.g., the undeclared war between Armenia and Azerbaijan over the enclave of Nagorno-Karabagh). *Prerequisite: same as 244. Satisfies the multicultural requirement.*

Mr. Kohl

248 African Cultures in Modern Perspective

A survey of the ethnological background and an analysis of cultural transformations of African institutions. Topics covered will include racial and ethnic conflict, stratification, leadership, militarization, economic modernization, and cult formation. Emphasis on West and South Africa. *Prerequisite: same as 244. Satisfies the multicultural requirement. Not offered in 1993-94.*

249 Traditional Societies of Post-Conquest South America

This study of the social structure and culture of tribal peoples, agrarian communities, and peasants in cities focuses on the effects of colonialism: slavery, ethnocide, and the destruction of the rain forest in lowland South America (Brazil, Colombia, Venezuela, Ecuador, Peru). *Prerequisite: 104 or 100-level Anthropology, Sociology, Spanish or Political Science course. Not offered in 1993-94.*

256 Archaeological Theory and Data Analysis

An evaluation of current trends in archaeological method and theory. The concept of prehistory from the 19th century to the present, and the development of schools and national traditions of archaeological research, such as the New Archaeology and today's Post-Processual Archaeology. Research on the analysis of archaeological materials through modern data-processing techniques, including computer graphics applications for analyzing and presenting archaeological data. *Prerequisite: 104 or 106 or permission of the instructor. Not offered in 1993-94.*

257 Prehistory of North America

This course surveys the archaeological record and other sources for reconstructing the prehistory and early history of Native Americans from the Arctic to Mexico. It will begin by reviewing evidence for the initial colonization of the New World at the end of the last ice age and then discusses the emergence of distinct cultural adaptations to separate environmental regions throughout the continent. It will detail separate evolutionary developments ranging from hunting and gathering adaptations in the northern part of the continent to the highly complex and differentiated Aztec and Mayan civilizations of Mesoamerica and present the variable responses of Native American cultures to the European invasion that began with Columbus. The material remains of the early Europeans (i.e., early historic or colonial archaeology) also will be examined. *Prerequisite: 104 or 106 or by permission of the instructor. Satisfies the multicultural requirement. Not offered in 1993-94.*

269 (1) The Anthropology of Gender Roles, Marriage and the Family

An examination of the variations in gender roles and family life in several non-Western societies. Comparisons of patterns of behavior and belief systems surrounding marriage, birth, sexuality, parenthood, male and female power, and masculine and feminine temperament in non-Western and Western societies. Emphasis on the ways kinship and family life organize society in non-Western cultures. *Open to all students. Satisfies the multicultural requirement.*

Ms. Merry

275 Technology and Society in the Third World

Examination of the social and political implications of the transfer of technology from the industrial North to Third World societies. We will begin with an historical overview of the role of technology in the encounter between Europeans and agricultural and foraging peoples since the fifteenth century. The course will focus on the impact of the introduction of both simple and complex technologies in the contemporary world. Topics to be discussed include the use of small-scale technologies in development, the Green Revolution in agriculture, women and development, industrial technologies and major accidents such as Bhopal, India, and the emergence of a culture of technology and technological modes of thinking. *Prerequisite: one unit in Technology Studies, Anthropology or Sociology, or two units in another social science or in the*

physical sciences. Satisfies the multicultural requirement. Not offered in 1993-94.

276 Recent Approaches to Ethnography

This course introduces current issues in ethnographic method and theory, including laboratory exercises in ethnographic field research, and considers recent debates in ethnographic writing and representation (e.g., deconstruction, reflexivity, literary theory, and Michael Taussig's call for a meditative-redemptive anthropology). Not offered in 1993-94.

301 (2) Anthropological Theory

Historical landmarks of anthropological thought. Examination of current evolutionary, functional, and symbolic theories of culture. Discussion of the relationship between personality and culture. Problems of method in anthropology. *Prerequisite:* 104 and one Grade II unit, or by permission of the instructor.

Ms. Bamberger

308 (1) (2) Seminar for Materials Research in Archaeology and Ethnology

Seminar-laboratory subject offered at MIT by the Center for Materials Research in Archaeology and Ethnology. Role of materials and technologies in the development of ancient societies; major focus on scientific analysis of archaeological artifacts and ecofacts. *Open by permission of the instructor.*

Ms. Lechtman (at MIT)

318 Social Theories and Models of the Past

An examination of the social theories that have inspired prehistorians, historians, and historical sociologists/anthropologists. Various speculative philosophers of history (e.g. Vico, Marx) and classical sociological and anthropological schools (e.g. evolutionism, Weberian historical sociology), which attempt to define large-scale historical patterns, will be briefly reviewed. Contemporary macro-historical and major prehistoric studies will be analyzed to determine how the compilation and presentation of data have been guided implicitly or explicitly by specific social theories. Readings will include selections from Abrams, Adams, Anderson, Braudel, Childe, Wallerstein, and Wolf. Not offered in 1993-94.

342 (2) Seminar: Native American Ethnology

Selected topics concerning Native Americans today. Ethnographic review of North American

cultures. Problems of tribal and urban Indian communities, ethnic conflicts, the impact of recession, sovereignty and legal questions. Native Americans in literature and art. *Prerequisite:* 104 and one Grade II unit in Anthropology, or Sociology, or Political Science, or by permission of the instructor. Satisfies the multicultural requirement.

Mrs. Shimony

346 (1) Colonialism, Development and Nationalism: The Nation State and Traditional Societies

Examination of the impact of modern national political systems on traditional societies as these are incorporated into the nation state. Focus on the nature of development, colonialism, and dependency and the implications for cultural minorities, technologically simple societies, peasant populations, and the urban poor. Topics related to an understanding of the impact of world capitalism on indigenous peoples will be covered. *Prerequisite:* two Grade II courses in any of the following: Anthropology, Sociology, Political Science, Economics, or by permission of the instructor. Satisfies the multicultural requirement.

Ms. Merry

350 (1) (2) Research or Individual Study 1 or 2
Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360

Cross-Listed Courses

For Credit

Language Studies 114

Introduction to Linguistics

Peace Studies 259 (1)

Peace and Conflict Resolution

Directions for Election

Majors in anthropology must take eight courses (which may include courses from MIT's anthropology offerings), of which 104 and 301 are obligatory. In addition, at least one "methods"

course is strongly suggested. We recommend statistics in the sociology department. Students may also elect the statistics course offered by economics or psychology, or calculus or statistics in the mathematics department, depending on the particular need and interest of the student.

Students who wish a minor in Anthropology must take five courses: 104 or 106, two 200-level courses, and two 300-level courses. Students are encouraged to choose at least one ethnographic area course and at least one course which focuses on a particular theoretical problem.

Architecture

AN INTERDEPARTMENTAL MAJOR

Directors: *Friedman and Harvey*

A major in architecture offers the opportunity for study of architectural history and practice through an interdisciplinary program. Following Vitruvius' advice on the education of the architect, the program encourages students to familiarize themselves with a broad range of subjects in the humanities, sciences, and social sciences. Students may also elect courses in studio art, mathematics, and physics which lead to appreciation of the principles of design and the fundamental techniques of architecture.

Although courses at MIT are not required for the major, the MIT-Wellesley exchange provides a unique opportunity for students to elect advanced courses in design and construction. Students are also encouraged to consider travel or study abroad as important aspects of their education in architecture, and to take advantage of the wide resources of the College and the Department of Art in pursuing their projects.

Each student designs her program of study individually in consultation with the directors. Majors are required to take Art 100 and Art 105. In addition, four courses above the Grade I level and two Grade III courses must be taken in the Department of Art. At least three of these Art courses (including one at Grade III level) must be taken at Wellesley College.

Students may include selections from the list below in their core programs.

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of director. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

History of Art

Art 100 (1-2)

Introduction to the History of Art

Art 202 (1)

Medieval Representational Arts

Art 203 (2)
Cathedrals and Castles of the High Middle Ages

Art 228 (2)
Nineteenth- and Twentieth-Century Architecture

Art 229 (1)
Renaissance and Baroque Architecture

Art 231 (1)
Architects and Buildings of Nineteenth-Century North America

Art 233
Domestic Architecture and Daily Life. *Not offered in 1993-94.*

Art 234 (1)
Paris: Capital of the Nineteenth Century

Art 235
Landscape and Garden Architecture. *Not offered in 1993-94.*

Art 309 (1)
Seminar. Problems in Architectural History. Topic for 1993-94: Architects and Clients

Art 332 (2)
Seminar. Court and Cult in Thirteenth-Century France and England

Art 340 (2)
Seminar. Personalities and Products of the Arts and Crafts Movement in Boston, 1897-1927.

Studio Art

Art 105 (1) (2)
Drawing I

Art 207 (1)
Sculpture I

Art 209 (1) (2)
Basic Two-Dimensional Design

Art 213 (1)
Basic Three-Dimensional Design

Art 217 (1)
Life Drawing

Art 307
Sculpture II. *Not offered in 1993-94.*

Art 314 (2)
Advanced Drawing

Art 317
Seminar. Problems in the Visual Arts. *Not offered in 1993-94.*

MIT

4.101 (1) (2)
Introduction to Architecture I

4.104 (1) (2)
Introduction to Architecture II

4.125 (1)
Architectural Design Level I (2 Wellesley units)

4.126 (2)
Architectural Design Studio Level I (2 Wellesley units)

4.401
Introduction to Building Technology

Mathematics

Mathematics 115 (1) (2)
Calculus I

Mathematics 116 (1) (2)
Calculus II

Physics

Physics 104 (1)
Basic Concepts in Physics I with Laboratory

Physics 107 (1) (2)
Introductory Physics I with Laboratory

Art

Professor: *Armstrong (Chair), Clapp, Fergusson, Friedman, Harvey, Marvin, O'Gorman, Rayen, Wallace*

Visiting Professor: *Freed*

Associate Professor: *Carroll, Dorrien*^{A2}

Assistant Professor: *Bedell, Berman, Black, Gomez, Higonnet, Kernan, Mekuria, Ribner, Spatz-Rabinowitz, Shepp*

Instructor: *Allen, Leuchak, Schick*

Lecturer: *DeLorme, Rhodes, Taylor*

The Department of Art offers majors in the history of art, architecture, studio art, and art history and studio combined, and minors in the history of art and studio art. Some of the courses in art history include studio laboratories, since the department believes that laboratory training has great value in developing observation and understanding of artistic problems. However, no particular artistic aptitude is required for these laboratories and the laboratory work is adjusted to the student's ability.

Stecher Scholarships are available to qualified students for the study of art abroad during the school year, Wintersession, or the summer.

Students with disabilities who will be taking art courses and who need disability-related classroom or testing accommodations are encouraged to meet with the department chair to make arrangements.

History of Art

100 (1-2) Introduction to the History of Art

A foundation course in the history of art. The course surveys the major styles in Western art and architecture from antiquity to the present, and introduces the arts of Asia, Africa, and of the Islamic world. Weekly conference sections explore selected issues in small discussion groups that meet in the Wellesley College Museum and on the Wellesley campus, and stress direct observation of art and related studio problems. *Open to all students. Required course for all Art History, Architecture, and Studio majors, who should elect it in the first or second year at Wellesley. 100 (1) and 100 (2) should be elected independently, but students are advised to elect 100 (1) before 100 (2).*

The Staff

100/Writing 125 E (1), C (2) Introduction to the History of Art/Writing 125

A foundation course in the history of art. The course surveys the major styles in Western art and architecture from antiquity to the present, and introduces the arts of Asia, Africa, and the Islamic world. Weekly conference sections stress the direct observation of works of art and related studio problems. Students in this section of Art 100 will attend the same lectures and conferences as the other Art 100 students, but their assignments will be different and they will attend a fourth meeting each week. Through writing about art, students in 100/125 will develop skills in visual and critical analysis. *Open to all first-year students. This course may be elected in either semester 1 or 2. This course satisfies the Writing 125 requirement, fulfills a Group A distribution requirement, and counts as a unit towards a major in Art History, Architecture or Studio Art.*

Ms. Bedell (1), Mr. Rhodes (2)

102 (1) Medieval Representational Arts

The course concentrates on artistic, historical, cult, and cultural approaches to the representational arts in Medieval Europe, focusing on a limited selection of major monuments, i.e. The Book of Kells, Vezelay, Chartres Cathedral. The principal media of the Medieval artist—mosaic, manuscript painting, sculpture, stained glass—will be studied from original objects in local museums. *Open to all students.*

Mr. Fergusson

203 (2) Cathedrals and Castles of the High Middle Ages

A study of the major religious and secular buildings of the Romanesque and Gothic periods with emphasis on France and England. Attention will be given to the interpretation and context of buildings and to their relationship to cult, political and urban factors. Occasional conferences. *Open to all students.*

Mr. Fergusson

211 (2) African Art

A survey of the major artistic traditions of Africa. The focus will be on ancient African arts, art and gender, and the arts of the masquerade. Museum visits to the Harvard Peabody Museum, the Metropolitan, and the Center of African Art in New York. *Open to all students. Satisfies the multicultural requirement.*

Ms. Leuchak

219 (1) Nineteenth-Century Art

History of Western European visual culture in the nineteenth century. Concentration on painting's dominance and on its relationship to social issues as well as to other art forms: sculpture, photography, prints, ethnographic art and urban design. Course requirements emphasize critical reading and address problems of writing about visual material. *Open to sophomores who have taken Art 100 (1) and (2), by permission of the instructor to first-year students who are taking Art 100, and to juniors and seniors without prerequisite.*

Ms. Higomiet

220 (1) Painting and Sculpture of the Later Sixteenth and Seventeenth Centuries in Southern Europe

A study of Italian and Spanish painting and sculpture from early Mannerism through the Baroque. Among the principal artists studied are Michelangelo, Il Rosso Fiorentino, Pontormo, Parmigianino, Tintoretto, El Greco, the Carracci, Caravaggio, Bernini, Pietro da Cortona, Velasquez. *Open to sophomores who have taken 100 (1) and (2), and to juniors and seniors without prerequisite.*

Mr. Wallace

221 (2) Seventeenth-Century Art in Northern Europe

Dutch and Flemish painting of the seventeenth century, with emphasis on Rubens, Hals, Rembrandt, and Vermeer. *Prerequisite: same as for 220. Not offered in 1993-94.*

Mrs. Carroll

223 (2) The Decorative Arts

Art of the French Interior. A study of the great styles, including the opulent Gothic age; dazzling Valois dynasty; multifaceted artistry of Versailles under the Sun King, Louis XV and the Marquise de Pompadour, with emphasis upon the influential patronage of Marie-Antoinette; Napoleonic and Josephine's dramatic Empire; Art Nouveau in France and Europe; Art Deco and designs of Sonia Delaunay. Outstanding French interiors are studied as context for fetes, unrivalled furnishings, painting, sculpture, textiles, porcelain, silver, fashion, and jewelry. Trip to Metropolitan Museum, New York. Offered in collaboration with Davis Museum and Cultural Center. *Open to all students.*

Mrs. DeLorme

224 (2) Modern Art

A survey of modern art from the 1880s to the 1990s examining major movements such as Cubism, Expressionism, Dada and Surrealism, Abstract Expressionism, critical issues including the art market, feminism, multiculturalism, and national identity. Photography, film, functional design, and performance are discussed, although painting and sculpture are the primary media surveyed. While the course focuses on developments in Europe and the U.S., the art of Latin America, Asia, and Africa will be examined. *Open to all students.*

Ms. Berman

225 (2) Image Context: New Media Theory and Practice

This course will combine studio and discussion sections to investigate communication systems that have significantly changed our visual and cultural environment. The media we will explore—photography and photograph captions, newspaper and magazine layout, billboards and posters, television, video, film and computer networks—all rely on the interaction of text (written or spoken) and image to convey information. Students will pursue both written and studio work throughout the semester. *Enrollment limited. Open by permission of the instructors. Formerly Technology Studies 218. Not open to students who have taken Technology Studies 218. Not offered in 1993-94.*

226 (2) History of Photography

Survey of European and American nineteenth- and twentieth-century photography in terms of both technical developments and broader aesthetic currents. While monographic treatment will be given to such important figures as Cameron, Atget, Stieglitz and Moholy-Nagy, broader issues, including the history of photographic criticism, will be examined. *Prerequisite: 100, 216, 108, or by permission of instructor. Not offered in 1993-94.*

228 (2) Nineteenth- and Twentieth-Century Architecture

A survey of the major movements in architecture in Europe and the United States from Neoclassicism to the present. *Open to all students.*

Ms. Friedman

229 (1) Renaissance and Baroque Architecture

A survey of building in Italy, Spain, France, and England from 1400 to 1800 with special emphasis on Italy. *Open to all students.*

Ms. Friedman

**231 (1) Architects and Buildings of
Nineteenth-Century North America**

Lectures and readings on the development of the architecture of the United States from Thomas Jefferson to Frank Lloyd Wright. In addition to personalities and styles, the course will focus on the history of the profession, of architectural graphics, of mechanical and structural technologies, of the rise of cities and the sprawl of suburbs. *Open to all students.*

Mr. O'Gorman

**232 (2) American Painting from Colonial
Times to World War II**

A survey of painting and sculpture in the North American colonies and the United States to the middle of the twentieth century. Lectures will discuss the work of major figures such as J. S. Copley, G. Stuart, C.W. Peale, T. Cole, T. Eakins, W. Homer, M. Cassatt, A. Saint-Gaudens, J. Sloan, and S. Davis as well as topics ranging from portraiture and still life to genre, landscape, and history painting. Exams and a short paper. *Open to all students.*

Mr. O'Gorman

233 (1) Domestic Architecture and Daily Life

A survey of European and American houses, their design and use from the late Middle Ages to the present. Economic and social conditions will be stressed, with particular attention to changes in family structure and the role of women. The use of rooms and furnishings will also be discussed. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Ms. Friedman

**234 (1) Paris: Capital of the Nineteenth
Century**

A course on Paris and its role in the nineteenth century. Topics include: avant-garde art movements (particularly Impressionism), urban design, fashion and the Parisian politics of revolution. *Open to all students.*

Ms. Higomet

235 (2) Landscape and Garden Architecture

An examination of the major formal and ideological developments in landscape and garden architecture from the Middle Ages to the present day, with particular emphasis on the nineteenth and twentieth centuries. Visits to local landscapes and gardens in the Spring. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Mr. Fergusson

241 (1) Egyptian Art

A survey of Egyptian and Nubian architecture, sculpture, painting and minor arts from 3000 to 31 B.C. The course will trace historically the development of the art in its cultural context. Several class meetings in the Egyptian and Nubian galleries at the Museum of Fine Arts, Boston. Not open to students who have taken this topic as 201. *Open to all students. Satisfies the multicultural requirement.*

Ms. Freed

242 (2) Greek Art

Greek art from the Dark Ages to the death of Cleopatra. The course is a historical survey of the arts of Greece in this period, but special attention is paid to sculpture. The influence of classical form on later Western art is also considered. *Prerequisite: 100 (1), or a course in Greek or Classical Civilization, or permission of the instructor. Not offered in 1993-94. Offered in 1994-95.*

Ms. Marvin

243 (2) Roman Art

A survey of the arts of Imperial Rome. Principal focus on the period from Augustus to Constantine. Architecture, sculpture, and painting; the function of art in Roman society; the nature of Roman taste; and the influence of Roman art on later Western art. *Prerequisite: 100 (1), or a course in Latin or Classical Civilization, or permission of the instructor.*

Ms. Marvin

246 (2) The Arts of Greater India

A history of the plastic arts of the Buddhist and Hindu religions in India, Nepal, Tibet, and Indonesia. Sculpture and painting will be treated where possible in their original architectural settings. Special attention will be given to the religious symbolism of the images and buildings. The survey will extend to the formation of Mughal painting and architecture and the development of painting in the native Indian schools

of Pahari and the Deccan. Study of and papers on the collections of the Boston Museum of Fine Arts and the Sackler Museum. *Open to all students. Satisfies the multicultural requirement.*

Mrs. Clapp

242 (2) Islamic Art and Culture

Topic for 1993-94: Ottoman Art and Architecture in the Context of East and West. The course will survey the art and culture of the Islamic Ottoman empire in the context of its European and Asiatic neighbors. Having conquered Constantinople, the capital of Byzantium in 1453, the Ottomans grew into one of the largest and most long-lived empires in history. Occupying a crucial geographical position between Europe and the Orient, the Ottomans viewed themselves as heirs to the Roman empire, and their artistic production displays a singular synthesis of their predecessors and contemporaries. Material covered will include the architecture, painting and decorative arts of the Ottomans, the Safavids of Iran and the Mughals of India, and representations of the East by Europeans. *Open to all students. Satisfies the multicultural requirement.*

Ms. Schick

248 (1) Chinese Painting

A study of the themes and styles of Chinese painting with special attention to the expression of Chinese philosophical and social ideals. The course will examine the magical and political function of early figure painting, the conquest of naturalism in the classical art of the Sung dynasties, and the scholars' painting of the later dynasties. Study of and visits to the collections of the Boston Museum of Fine Arts and Sackler Museum. *Not open to students who have taken 248M. Open to all students. Satisfies the multicultural requirement.*

Mrs. Clapp

249 (2) Arts of Japan

The sculptural and pictorial arts of Japan, from the Buddhist period to the eighteenth-century woodblock print. The course will concentrate on Japan's early ties with India and China, the subsequent development of a native Japanese style in the narrative handscroll, the art of the great screen painters, and the emergence of the print tradition. Study of and visits to the collections of the Boston Museum of Fine Arts and the Sackler Museum. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Mrs. Clapp

250 (1) From Giotto to the Art of the Courts: Italy and France, 1300-1420

Topics to be explored are: the great narrative tradition in Italian painting and sculpture—Giotto, Duccio, and Giovanni Pisano, the Siennese painters Simone Martini and the Lorenzetti in the context of the Italian Medieval city state; the reaction of artists to the Black Death of 1348; French manuscript painting under Valois patronage, especially the Limbourg Brothers and Jean, Duc de Berry. Visits to Rare Book Collections are planned. *Open to sophomores who have taken 100 (1) and to juniors and seniors without prerequisite. Not offered in 1993-94. Offered in 1994-95.*

Ms. Armstrong

251 (2) Italian Renaissance Art

Painting and sculpture in Italy in the fifteenth and early sixteenth centuries. Topics included in this survey are: the formation of the Early Renaissance style by Masaccio, Donatello, Ghiberti and Luca della Robbia; the spread of the Renaissance outside of Florence by Piero della Francesca, Mantegna and Bellini; Medici patronage of Uccello, Pollaiuolo and Botticelli; the development of the High Renaissance style by Leonardo, Raphael, and Michelangelo. *Prerequisite: Open to first-year students and sophomores who have taken Art 100 (1 or 2) and to juniors and seniors without prerequisite. Not offered in 1993-94. Offered in 1994-95.*

Ms. Armstrong

304 (1) Seminar. Italian Renaissance Sculpture

Consideration of major Italian Renaissance Sculptors including Donatello, Ghiberti, Luca della Robbia, Verrocchio, Michelangelo; Cellini; Giovanni Bologna. Examination of stylistic trends; of the religious, political, and cultural significance of sculptures in the Renaissance; of public and private settings for sculpture; of patronage by religious institutions, the guilds and government of Florence, the Medici family, and Renaissance popes; and of images of women in portraiture, statues of saints, and narrative reliefs. *Prerequisite: Open to students who have taken Art 251 or 220; or juniors and seniors who have already completed two units in art history at the 200 or 300 level; or by permission of the instructor. File application in department.*

Ms. Armstrong

305 (1) Seminar. The Graphic Arts

A history of prints and visual communication from the time of Gutenberg to the present. Among the master printmakers studied will be Dürer, Parmigianino, Rembrandt, Ribera, Hogarth, Goya, Gauguin, Munch and Picasso. Careful study of original prints in the Wellesley College collections, and field trips to public and private collections. Laboratory required. *Open to sophomores, juniors and seniors who have had at least one 200-level art course involving the history of painting. Signed permission of instructor required. File application in department.*

Mr. Wallace (Lab) Ms. Kernan

309 (1) Seminar. Problems in Architectural History

Topic for 1993-94: Architects and Clients: How Architecture Happens. Through comparative case studies ranging from the sixteenth century to the present, this seminar examines various factors—esthetic values, social history, gender, economics, and cultural attitudes—that contribute to the design of significant buildings. *Prerequisite: Art 228 or 229, and with permission of the instructor. File application in department.*

Ms. Friedman

311 (1) Northern European Painting and Printmaking

Not offered in 1993-94.

Mrs. Carroll

312 (2) Seminar. Problems in Nineteenth-Century Art

Topic for 1993-94: Exhibiting Peoples: Race and Representation in Nineteenth-Century Europe. A seminar on western representations of non-western peoples in individual images, but also in museum displays and World's Fair exhibitions, as well as in tour and guide books. The course will consider representations of African, Japanese, and Oceanic peoples in the context of European patterns in the visual arts, literature, and institutions of exhibition. Examples will include the work of Ingres, Delacroix, Jérôme, and Gauguin. *Prerequisite: Any 200-level Art History course or by permission of the instructor. File application in department.*

Ms. Higonet

320 (1) Seminar. Genre Painting in Nineteenth-Century North America

This course will investigate paintings of everyday life created by artists of the United States in the last century. It will include discussion of genre painting in the history of art and in the art of the U.S., but it will primarily focus on the depiction of various segments of nineteenth-century society—both mainstream and marginal—including citizens (white males), women, recent immigrants, African Americans, native Americans, and Asians. Basic text: Elizabeth Johns, *American Genre Paintings: The Politics of Everyday Life*, 1991. Readings, research, discussion, writing, reports. *Preference given to those who have taken Art 100 and Art 232. File application in department.*

Mr. O'Gorman

330 (1) Seminar. Renaissance Art in Venice and in Northern Italy

Not offered in 1993-94. Offered in 1994-95.

Ms. Armstrong

331 (1) Seminar. The Art of Northern Europe

Topic for 1993-94: Rubens and the Dynamics of Power. The seminar is offered in conjunction with the Fall exhibitions of Rubens drawings at Wellesley and of Rubens paintings at the Museum of Fine Arts in Boston. While the works in the museum shows will be our primary focus, the seminar will also explore broader interpretive issues, particularly the themes of conflict and conciliation in Rubens's erotic, political, and devotional imagery. *Prerequisite: 100 (2) plus one 200-level course, or permission of the instructor.*

Mrs. Carroll

332 (2) Seminar. Court and Cult in Thirteenth-Century France and England

The royal court and the popular religious cults addressed different needs and audiences in the high middle ages. Using four case studies—Reims and Chartres in France, and Westminster Abbey and Canterbury in England—the seminar seeks to define these differences using the arts of architecture, sculpture and stained glass to focus on such issues as patronage, form, typology, style, program, funding. *Permission of the instructor. File application in department.*

Mr. Fergusson

333 (2) Seminar. Spanish Art

Topic for 1993-94: Spanish painting, sculpture, and printmaking from El Greco through Goya. Other major artists studied will be Ribalta, Ribera, Velasquez, Zurbaran, and Murillo. *Prerequisite: 220 or signed permission of the instructor. File application in department.*

Mr. Wallace

334 (1) Seminar. Issues in Ancient Art and Archaeology

Not offered in 1993-94. Offered in 1994-95

Ms. Marvin

335 (1) Seminar. Problems in Modern Art

Topic for 1993-94: Photography in the Twentieth Century. This seminar will examine still photography as a component of, and in dialogue with, the "art world" from 1900 to the present. Selected issues in the practice and theory of photography will include historical movements such as the Photo-Secession and the Harlem Renaissance, mass market re-imaging of the world through advertising and photojournalism, portraiture and self-portraiture, and postmodern art world practices. Seminar reports and field trips will be required. *Prerequisites: Limited to students who have taken Art 224, 208 (Photo II), or Level II courses in Sociology or history (in any department), and by permission of the instructor. File application in department.*

Ms. Berman

336 (2) Seminar. Museum Issues

An investigation of the history and structure of museums, the philosophy of exhibitions and acquisitions, and the role of the museum in modern society. Issues of conservation, exhibition, acquisition, publication, and education will be examined. Visits to museums, galleries, and private collections in the area. *Limited enrollment. Open by permission of the instructor to junior and senior art majors. File application in department.*

Ms. Taylor

337 (2) Seminar. Art Traditions Shared by China and Japan

This seminar will study the Far Eastern traditions of art which passed from China to Japan. Examples are: Buddhist sculpture and painting from the sixth to the eighth century; Ch'an art in China and Zen art in Japan; the secular development of the Zen aesthetic from the fourteenth to

the sixteenth century; narrative art in China and Japan and Chinese Literati painting and its later history in Japan. *Open to all students who have taken Art 248 or 249. To others by permission of the instructor. File application in the department. Satisfies the multicultural requirement.*

Mrs. Clapp

340 (2) Seminar. Personalities and Products of the Arts and Crafts Movement in Boston, 1897-1927

This course will study the local manifestation of the international craftsman's movement stemming from the works of John Ruskin, William Morris, and others. The first "Arts and Crafts" exhibition in the United States was held in Boston in April, 1897, and the Arts and Crafts Society was founded immediately thereafter. We will read and discuss the basic theoretical literature of the international movement, and we will investigate local makers and their products in media ranging from wood to paper, metal, clay, fiber, and glass, as well as categories ranging from color block printing to architecture and landscape design. Field trip(s) and guest lecturer(s) will be scheduled. For a survey of the movement as a whole, see Elizabeth Cumming and Wendy Kaplan, *The Arts and Crafts Movement*, 1991. Readings, research, discussion, writing, reports. *Limited to 12 students who have taken Art 228 or 231 or by consent of the instructor. File application in department.*

Mr. O'Gorman

341 (1) Topics in The Social History of Art

Not offered in 1993-94.

345 (2) Seminar. Historical Approaches to Art for the Major

Survey of the major art-historical approaches and their philosophical bases, including connoisseurship, iconography, theories of the evolution of art, psychoanalysis, the psychology of perception, issues of gender and ethnicity, and theories of art criticism. Critical discussion and writing will be stressed. Recommended to all art majors. *Limited to juniors and seniors who have taken one 200-level unit in the department. Open by permission of the instructor. File application in department.*

Ms. Berman

350 (1) (2) Research or Individual Study 1 or 2

Open to qualified students by permission of the instructor and the department chair.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of the department. See p. 65, Departmental Honors.

364 (1) Women Filmmakers: Resisting/ Deflecting/Subverting the Gaze

This course will survey the evolution of feminist film theory, explore the positioning of women in classical Hollywood films, review the development of independent women's cinema, and explore the impact of feminism and feminist film theory on women filmmakers in particular and the film industry in general. Readings will include works by E. Ann Kaplan, Constance Penley, Mary Ann Doane, Christine Gledhill, Laura Mulvey, Teresa de Lauretis, and others. Activities will include screening and analysis of films selected to support the weekly topics. *Prerequisite: 165, 224, 226, or by permission of the instructor. File application in Art Department office. Signature of instructor required.*

Ms. Mekuria

370 (1) (2) Senior Thesis

Prerequisite: 360.

Boston Museum of Fine Arts Seminars

A limited number of qualified students may elect for credit seminars offered by the curators of the Boston Museum of Fine Arts to students in Boston area colleges and universities. These are held in the Museum and use objects from the collections for study. *Admission to Museum Seminars is by permission of the instructor at the Museum only. Call the instructor for information about the day and time of classes and application procedures as the class size is limited.*

381 (1) American Painting, 1875-1925

Using works of art from the Museum's permanent collection, this seminar will examine the history of American painting from the time of the nation's centennial through the first quarter of the twentieth century. Issues to be discussed include the development of Impressionism from an avant-garde to an academic style, the advent of European modernism and its effects on American artists, and consequent efforts to create an "American" style. *Limited to 12 students. Seniors and graduate students with majors in art history preferred; previous survey courses in American art helpful. Admission to Museum Seminars is by permission of the instructor.*

Ms. Erica Hirshler, Assistant Curator, Department of American Paintings (267-9300, ext. 408).

392 (2) American Folk Art

In recent years there has been increasing interest in works produced by untrained "folk" artists of all cultures. The Museum is fortunate to have a wide range of paintings, works on paper, textiles, and some sculpture created by such artists in the United States in the nineteenth and early twentieth centuries. The seminar will concentrate on placing these objects within the context of their creation. Since 1976, a great deal of new information has become available, and students will conduct original research on objects in the Museum's collection to update attributions and add to the documentation in the Museum's records. Questions of taste, the history of collecting, and the range and use of media will also be considered. *Limited to 10 students. Admission to Museum Seminars is by permission of the instructor.*

Ms. Shelley Langdale, Curatorial Assistant, Department of Prints, Drawings, and Photographs (267-9300, ext. 432).

394 (1) The Preservation and Scientific Examination of Works of Art

The technical examination and preservation of works of art will be explored through lectures, demonstrations and readings concentrating on the Museum's collections. The course will focus on the work of art as the source of information about the materials and techniques of artists and craftsmen, how these materials can interact with their environment, and what measures may be taken to preserve them. Analytical instrumentation currently used for research and authentication is discussed throughout the course. *Limited to 12 students. Restricted to seniors and graduate students. Early registration is recommended. Admission to Museum Seminars is by permission of the instructors.*

Ms. Margaret Leveque, Mr. Richard Newman, and other members of the Museum's conservation facilities (267-9300, ext. 467).

397 (2) The History and Evolution of the Japanese Woodblock Print

A survey of the history and evolution of the Japanese woodblock print, emphasizing the eighteenth century but extending into the nineteenth century as time permits. The seminar will focus on influential masters and their contributions, the range of subject matter depicted in Ukiyo-e prints, and the relevance of these prints to Japa-

nese popular culture of the period. *Limited to 12 students. Some previous coursework in Japanese art, history, or literature is recommended. Admission to Museum Seminars is by permission of the instructor.*

Mr. Money Hickman, *Fellow for Research in Japanese Art, Department of Asiatic Art* (267-9300, ext. 223).

Cross-Listed Courses

For Credit

Anthropology 308 (1)

Seminar for Materials Research in Archaeology and Ethnology

Directions for Election

History of Art

An Art major concentrating in History of Art must elect:

A. Art 100 (1) and (2). Exemption from this requirement is possible only for students who achieve a grade of 5 on the Advanced Placement Art History examination or pass an exemption examination arranged by the Department Chair.

B. One of the following courses in Studio Art: 105, 108, 204, 205, 209, 213.

C. A minimum of five further units in History of Art to make a total of eight units, which must include distribution requirements.

For distribution, a student must elect at least one unit in three of the following six areas of specialization: Ancient, Medieval, Renaissance, Baroque (seventeenth and eighteenth centuries), Modern (nineteenth and twentieth centuries), non-Western Art. Among the three areas elected one must be either before 1400 A.D. or outside the tradition of Western European art.

Normally, Art 223, 233, 235, 305 and 345 may not be used to meet this distribution requirement. Consult the department chair for exceptions to this practice. If approved by the department chair, courses elected at other institutions may be used to meet the distribution requirement.

No more than one unit of 350 credit may be counted towards the minimum major. Ordinarily, no more than three units of transfer credit (one Studio, two Art History) may be counted towards the minimum major.

Although the department does not encourage overspecialization in any one area, by careful choice of related courses a student may plan a

field of concentration emphasizing one period or area, for example, Medieval art or Asian art. Students interested in such a plan should consult the department as early as possible.

Art 345 is strongly recommended for those considering graduate study in History of Art.

Graduate programs in the History of Western Art require degree candidates to pass exams in French and German. Graduate programs in the History of Asian Art require Chinese and/or Japanese. These languages are particularly important for students considering graduate school.

Students intending to major in art history whose high school preparation does not include a thorough grounding in history should take History 100, 103, and 201. They should also consult the Catalog carefully for other courses in history as well as in the literature, religion, philosophy, and music of the times and places whose art particularly interests them.

Students interested in graduate study in the field of art conservation should consult with the department chair regarding requirements for entrance into conservation programs. Ordinarily college-level chemistry through organic should be elected, and a strong studio art background is required.

A History of Art minor (6 units) consists of:

(A) Art 100 (1&2) or Art 215/216 and (B) 4 additional units above the 100 level with at least 2 at the 300 level; maximum 1 unit of 350. Of the 4 units above the 100/215/216 level, 3 shall, in the opinion of the student's faculty advisor, represent a coherent and integrated field of interest. Some examples are: Asian art, 19th/20th century art, and architectural history. The fourth unit shall, in the case of students whose primary field is Western European or American art, be a course in non-Western or ancient art. In the case of students whose primary field of interest is ancient or non-Western art, the fourth unit shall be Western European or American art.

For the minor, at least four units of credit in Art History must be taken at Wellesley College.

The attention of students is called to the interdepartmental majors in Architecture, in Classical and Near Eastern Archaeology, and in Medieval/Renaissance Studies.

Studio Art

Studio courses meet twice a week for double periods. Enrollments are limited.

105 (1) (2) Drawing I

Introductory drawing with emphasis on the development of skill in seeing and the control of line, value and composition. A variety of techniques and media will be used. *Preference given to nonseniors. Open to seniors by permission of the instructor only.*

The Staff

108 (1) (2) Photography I

Photography as a means of visual communication. Emphasis on learning basic black-and-white technique of camera and darkroom operation and on critical analysis of photographs. Problems dealing with technical, design and aesthetic issues of image-making. *Preference given to nonseniors, Art Department majors and minors. Signature of instructor required. File application in department.*

Ms. Black, Mr. Shepp

165 (1) (2) Introduction to Film and Video Production

Introduction to the basic principles of film/video production. Starting with an idea, the course will progress through the entire production process: research, treatment, budget, script, location, interviewing, filming, editing, narration, post-production, and exhibition/distribution. Basic technical uses of equipment will be covered, such as 8 or 16 mm film camera, video camera, sound and lighting equipment, editing equipment, the difference between film and video productions, and film to video transfer techniques. Group projects will be developed and students will rotate through various roles as technicians, writers, and producers/directors. Critique of students' work will take place throughout the process, culminating with screenings of the finished productions. *Open without pre-requisite but signature of the instructor required. File application in the Art Department office.*

Ms. Mekuria

204 (2) Painting Techniques

A survey of significant techniques and materials related to the history of Western painting. Students will work with gold leaf, egg tempera, encaustic, Venetian oil technique, acrylic and pastel, with emphasis on the technical aspects of these media and their role in stylistic change. Studio art majors as well as art history majors are encouraged to enroll. *Open to all students.*

Ms. Spatz-Rabinowitz

205 (2) Materials and Techniques of Sculpture

A survey of significant techniques and materials relating to the history of sculpture from the classical to the modern period. Laboratory problems of a purely technical nature requiring no artistic skill. *Prerequisite: 100 (1) and (2) or permission of the instructor. Not offered in 1993-94.*

Mr. Dorrien

207 (1) Sculpture I

An exploration of sculptural concepts through the completion of projects dealing with a variety of materials including clay, wood, plaster, stone and metals, with an introduction to basic foundry processes. Work from the figure, with direct visual observation of the model, will be emphasized. Studio fee. *Prerequisite: 105 or 213 or permission of the instructor.*

Mr. Dorrien

208 (1) Photography II

Strong emphasis on development of personal photographic vision. Exposure to use of various camera formats and lighting equipment. Exploration of film developing processes, printing techniques and some alternative processes. Weekly critiques of students' work. *Preference given to Art Department majors and minors. Prerequisite: 108 and permission of instructor.*

Ms. Black

209 (1) (2) Basic Two-Dimensional Design

A series of problems in two-dimensional design intended to develop both observational and formal skills. Introduction to line, shape, color, structure, and other tools of the artist. Design involves the formation of an effective visual statement. *Open to all students.*

Ms. Spatz-Rabinowitz (1), Ms. Kernan (2), Ms. Ribner (2)

210 (1) Color

Basic problems in the interaction of color. Special attention will be given to considerations of value, intensity and the natural mutability of hue. *Open to all students.*

Mr. Rayen

212 (1) Introduction to Printmaking

This course presents printmaking as a graphic image-making process. Traditional techniques of intaglio, relief and lithography will be examined as well as other methods of printing such as monotyping, collography, stenciling and stamp-

ing. Printmaking as an alternative way of drawing and painting, and ways of combining various print media, will be explored. *Prerequisite: 105 or 209.*

Mr. Gomez

213 (1) Basic Three-Dimensional Design

Introduction to three-dimensional design stressing various formal and spatial concepts related to sculpture, architecture and product design. A wide range of materials will be handled in completing several preliminary problems as well as constructing a final project. *Open to all students.*

Mr. Dorrien

214 (2) Photographic Processes

Through a series of lectures, readings and laboratory experiences, this course will engage students both conceptually and experientially in the basic premises of current photographic technology. We will also consider the history and development of these photographic processes, as well as their social and cultural implications. *Formerly Technology Studies 217. Not open to students who have taken Technology Studies 217. Not offered in 1993-94.*

217 (1) Life Drawing

Understanding the human figure by direct observation of and drawing from the model. A highly structured approach with emphasis on finding a balance between gestural response and careful measurement. Rigorous in-classwork drawings as well as homework assignments. Dry and wet media and drawing on several scales. Recommended for architecture majors as well as studio art students who intend to do further work from the figure. Not open to students who have taken 316. *Prerequisite: 105.*

Ms. Harvey

218 (1) (2) Introductory Painting

A study of basic forms in plastic relationships in a variety of media. *Prerequisite: 105 or 209 or permission of the instructor.*

Mr. Rayen (1), Mr. Gomez (2)

265 (2) Intermediate Video Production: The World of the Documentary Producer

This intermediate course on documentary video production is designed for students who want to concentrate on actually producing documentaries. Each student will choose a topic, and research and write a treatment script. Then a group of four students will each select a topic and

will produce a short video documentary. We will screen a wide range of documentaries, from the didactic to the experimental/abstract, analyze the structure, format, and style of the works and critique their use of the medium and their effectiveness in conveying intended messages. *Prerequisite: 165 and signature of the instructor.*

Ms. Mekuria

307 (2) Sculpture II

Continuation on a more advanced level of sculptural issues raised in Sculpture I. Projects include working from the figure, metal welding or wood construction, and metal casting in the foundry as well as stone carving. Studio fee. *Prerequisite: 207 or permission of the instructor. Not offered in 1993-94. Offered in 1994-95.*

308 (2) Photography III

Continued exploration of issues generated by student work. Strong emphasis on theoretical readings, gallery visits, guest artists, group discussion and historical research. Continued research of photographic techniques to solve visual problems that arise from the work presented. *Prerequisite: 108, 208, and either 105 or 209. File application in Department.*

Ms. Black

314 (2) Advanced Drawing

In-depth exploration of drawing techniques, materials, and advanced concepts including form, structure, space, surface texture, and abstraction. Emphasis on developing personal imagery. Not open to students who have taken 206. *Prerequisite: 105.*

Ms. Spatz-Rabinowitz

315 (1) Problems in Advanced Painting

Each student will be required to establish and develop personal imagery. Emphasis will be given to the roles that observation and memory play in the development of individual concepts. *Painting 315 and Painting 321 are complementary courses and may be taken in any order following the completion of Painting 218 or its equivalent. In 1993-94 students who otherwise might have chosen 317 (not offered in 1993-94) are welcome to apply to this class.*

Ms. Harvey

317 (1) Seminar, Problems in the Visual Arts

This course is designed for students to explore and develop the relationships between image making and one's personal set of skills, strengths,

interests, obsessions and memories. Each student identifies for herself the significance of working in harmony with her personal goals while continuing to evolve skills in a variety of media. Group discussions of assigned reading and other weekly projects will be required. Highly recommended for students anticipating an independent study project or careers in art. *Prerequisite: either 207, 217, 218, 316, 318, or permission of the instructor. Not offered in 1993-94. Offered in 1994-95.*

Ms. Harvey

321 (2) Advanced Painting

Continuing problems in the formal elements of pictorial space, including both representational and abstract considerations. Emphasis will be given to the formulation of preliminary studies in a variety of media. *Painting 318 and Painting 321 are complementary courses and may be taken in any order following the completion of Painting 218 or its equivalent.*

Mr. Rayen

322 (2) Advanced Printmaking

This course continues from the introductory course to approach printmaking as a way of developing and organizing visual information. Projects will challenge students to pursue personal imagery and to acquire greater technical mastery. *Studio Fee. Prerequisite: 212.*

Mr. Gomez

350 (1) (2) Research or Individual Study

Open to qualified students by permission of the instructor and the department chair.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Applied Arts Program (1) (2)

In addition to the regular Studio curriculum, a separately funded program makes it possible to offer one course each year in such fields as metal casting and enameling, ceramics, woodworking, and weaving.

Topic for 1993-94 (1): Woodworking. Hand, then power tools are taught, leading to independent functional projects in wood. Includes woodworking, wood joinery, carving, and theory. By

permission of instructor. Open to all students. Course may be taken not for credit or, with permission of instructor and Studio Program Chair, for 350 credit with completion of additional assignments. File application in department.

Directions for Election

Studio Art

An art major concentrating in Studio Art must elect 100 (1) and (2) (unless exempted with a grade of 5 on the Advanced Placement examination), 105, 209, and 213; and in addition at least two Grade II and two Grade III units in Studio Art. All Studio majors are encouraged to take 317, especially those interested in independent study projects. Since the department believes in the importance of understanding the history of art, the attention of students is drawn to 224 and 219 (see History of Art).

A Studio Art minor (6 units) consists of: (A) 105 and (B) 1 unit from 209, 210 or 213 and (C) 4 additional units from Studio Art, including at least one at the 300 level (350 counts only in photography).

For students particularly interested in design, attention is further drawn to Theatre Studies 206.

Directions for Election

The Combined Major in Art History and Studio Art

A student may elect a combined Art History/Studio Art major by taking:

Art 100 (1) and (2) Introductory Survey

1 semester of Art 105 Introductory Drawing

1 semester of Art 209 Two-Dimensional Design

1 semester of Art 213 Three-dimensional Design

1 semester of Ancient, or Medieval, or Non-Western Art History

2 additional semesters of Grade II Art History

2 semesters of Grade III Art History

2 additional semesters of Grade II Studio Art

2 semesters of Grade III Studio Art

14 courses

The Combined Major in Art will require early planning, preferably in the first year.

Teacher Certification. Students interested in obtaining certification to teach Art in the Commonwealth of Massachusetts should consult the Director of Studio Art and the Chair of the Department of Education.

Astronomy

Associate Professor: *Bauer, Benson (Chair), French^A, Little-Marenin*

Instructor: *Donnelly*

Laboratory Instructor: *Hawkins*

101wL (1) (2) Introduction to Stars, Galaxies, and Cosmology with Laboratory

A survey of stars, galaxies and cosmology. The life stories of stars will be examined, from birth in clouds of gas and dust, through placid middle age, to violent explosive demise, leaving white dwarfs, neutron stars, or black holes. Galaxies contain billions of stars and are racing away from each other as part of the overall expansion of the universe. Modern theories of the origin and ultimate fate of the universe will be explored, as well as the possibility of extraterrestrial communication. Two periods of lecture and discussion weekly; laboratory in alternate weeks, and unscheduled evening work at the Observatory for observation of stars and constellations, and use of the telescopes. This is a complementary course to 105/106, which is taught at the same level. Both courses are taught in each semester, and students who elect to take both may do so in either order. *Not open to students who have taken 102, [103], 110 or [111].*

The Staff

102 (1) (2) Introduction to Stars, Galaxies, and Cosmology

Identical to 101 except that it will not include the laboratory. Some observing is required, and additional written work. *Not open to students who have taken 101, [103], 110 or [111].*

The Staff

105wL (1) (2) Introduction to the Solar System with Laboratory

A survey of the solar system: the sun, planets, comets, meteors and asteroids. Topics include a survey of ancient views of the cosmos, archaeoastronomy, and the development of modern views of the motions of the planets. Spacecraft exploration of the solar system has transformed our understanding of planets and their attendant satellites and moons. These recent observations will be used to examine the origin and evolution of the sun and solar system. The earth will be examined from a planetary perspective to elucidate ozone depletion, global warming, and extinction of the dinosaurs. Two periods of lecture and discussion weekly; laboratory in alternate weeks,

and unscheduled evening work at the Observatory for observation of planets, stars and constellations, and use of the telescopes. This is a complementary course to 101/102, which is taught at the same level. Both courses are taught in each semester, and students who elect to take both may do so in either order. *Not open to students who have taken [103], 106, 110, or [111].*

The Staff

106 (1) (2) Introduction to the Solar System

Identical to 105 except that it will not include the laboratory. Some observing is required, and additional written work. *Not open to students who have taken [103], 105, 110 or [111].*

The Staff

110wL (1) Fundamentals of Astronomy with Laboratory

A survey of astronomy with emphasis on the underlying physical principles. The treatment of all topics will be more analytical and more quantitative than that provided in the other 100-level courses. Two periods of lecture and discussion weekly. Laboratory in alternate weeks and unscheduled observations at the Observatory. Recommended for students intending to choose one of the sciences or mathematics as a major. *Not open to students who have already taken 101, 102, [103], 105, 106 or [111].*

Ms. Little-Marenin

206wL (1) Basic Astronomical Techniques with Laboratory

Astrophotography. Conversion of time and astronomical coordinate systems. The magnitude system. Use of the automated 24" telescope with modern CCD electronic camera. Image processing and photometry. Star catalogs. Applications of methods of least squares and statistical analysis. Computers will be used for data acquisition and analysis. The laboratory for this course will consist of projects which require unscheduled use of the telescopes. *Prerequisite: one semester of astronomy at the 100 level, and familiarity with trigonometric functions and logarithms.*

Mrs. Benson

207wL (2) Basic Astronomical Techniques II with Laboratory

Spectroscopy. Classification of stellar spectra. Measurement of stellar radial velocities. Astrometry. The semester's work includes an independent project at the telescope. The laboratory

work for this course will consist of projects which require unscheduled use of the telescopes. *Prerequisite:* 206.

Ms. Bauer

210 (1) Astrophysics I

The application of physical principles to astronomy, including celestial mechanics, electromagnetic processes in space, stellar structure and evolution and spectral line formation. *Prerequisite:* one semester of *Astronomy at the 100 level*, and *Physics 108 taken previously or concurrently, or by permission of the instructor.*

Staff

304 (2) Stellar Atmospheres and Interiors

The formation of continuous and line spectra in stellar atmospheres. An introduction to stars with unusual spectra. Stellar structure and energy generation in stellar interiors. Stellar evolution. *Prerequisite:* 210 and *Mathematics 205 or Extradepartmental 216. Physics 202 or [204] is recommended. Not offered in 1993-94.*

Ms. Bauer

307 (2) Planetary Astronomy

Study of the properties of planetary atmospheres, surfaces and interiors with emphasis on the physical principles involved. Topics covered include the origin and evolution of the planetary system, comparison of the terrestrial and giant planets, properties of minor bodies and satellites in the solar system and inadvertent modification of the Earth's climate. Recent observations from the ground and from spacecraft will be reviewed. *Prerequisite:* 210 and *Physics 108; permission of the instructor for interested students majoring in geology or physics. Not offered in 1993-94. Offered in 1994-95.*

Mr. French

310 (2) Astrophysics II

The application of physical principles to the interstellar medium, kinematics and dynamics of stars and stellar systems, galactic structure, special and general relativity, and cosmological models. *Prerequisite:* 210 and *Physics 108.*

Staff

349 (1) Selected Topics

Topics in previous years have included variable stars, galaxies, stars of special interest, and cosmic evolution. *Open by permission of the instructor. Not offered in 1993-94.*

350 (1) (2) Research or Individual Study 1 or 2

Open to juniors and seniors by permission.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

For Credit

Mathematics 205 (1) (2)

Intermediate Calculus

Physics 202 (1)

Modern Physics with Laboratory

Directions for Election

The following courses form the minimum major: Any one course at the 100 level; 206, 207, 210, 310; Mathematics 205 or Extradepartmental 216; Physics 202 or [204]; one more Grade III course in Astronomy plus an additional Grade III course in Astronomy or Physics. Students intending to major in astronomy are encouraged to begin physics as soon as possible. These students should try to take 110. Physics 219 and Computer Science 110 or 111 are strongly recommended. In planning a major program, students should note that some of these courses have prerequisites in mathematics and/or physics. Additional courses for the major may be elected in the Departments of Physics, Mathematics, and Astronomy.

A substantial background in physics is required for graduate study in Astronomy.

A student planning to enter graduate school in astronomy should supplement the minimum major with courses in physics, including Physics 306 and other Grade III work. Completion of the physics major is encouraged. The student is also urged to acquire a reading knowledge of French, Russian, German, or Spanish.

A minor in astrophysics (5 units) consists of: (A) 1 unit at the 100 level and (B) 210 and 310 and (C) 2 additional 300 level units. A minor in observational astronomy (5 units) consists of: (A) 101 or 102 and 105 or 106 and (B) 206 and 207 and (C) 350.

See page 11 for a description of Whittin Observatory and its equipment.

Biological Chemistry

AN INTERDEPARTMENTAL MAJOR

Director: *Allen*

The Departments of Biological Sciences and Chemistry offer an interdepartmental major in Biological Chemistry which gives opportunity for advanced study of the chemistry of biological systems.

In addition to two units of Biochemistry (Chemistry 228 and 328), the area of concentration must include the following units of Chemistry (114 [or 113] and 115 or 120, 211 and 231); Biology (110, 219 and 220 [or 200 and 205], at least one unit of 313, 314 with laboratory, 316 or 317), and one additional Grade III unit, excluding 350, 360 or 370); Physics (104 or 107); and Mathematics (116, 120 or equivalent). Students should be sure to satisfy the prerequisites for the Grade III courses in biology and chemistry.

A recommended sequence of required courses would be: Year I, Chemistry 114 and Math or Physics; Chemistry 115 and Biology 110. Year II, Chemistry 211 and Biology 219; Biology 220 and Math or Physics. Year III, Chemistry 228 and 231; Chemistry 328 and Math. Year IV, Grade III Biology courses and Independent Study.

Please discuss your program with the Director as soon as possible.

350 (1) (2) Research or Individual Study 1 or 2
Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2
By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis
Prerequisite: 360.

Biological Sciences

Professor: *Widmayer, Allen, Coyne, Webb, Harris^{A2}, Smith*

Associate Professor: *Cameron (Chair), Blazar, Beltz*

Assistant Professor: *Peterman, Giffin, Moore, Rodenhouse, Berger-Sweeney, Bedell, Quattrochi*

Laboratory Instructor: *Muise, Dermody, Hacopian, Lenihan, Paul, Soltzberg, Thomas*

Unless otherwise noted, all courses meet for two periods of lecture each week. If indicated, there will also be one three-and-one-half hour laboratory session weekly. Seminars normally meet for one double period each week.

106 (1) Evolution

Historic and current ideas on the evidence for, and causes of, evolution; introduction to Mendelian and molecular genetics. Case studies include origin of life, endosymbiosis, human evolution, and the preservation of genetic diversity. Two lectures weekly plus discussion session every week. Meets the Group C distribution requirement as a nonlaboratory unit, but does not count toward the minimum major in Biological Sciences. *Open to all students except those who have taken [112].*

Ms. Widmayer

107 (1) Biotechnology

This course focuses on applications of recently developed biological techniques, including recombinant DNA, antibody techniques and reproductive technology. However, no prior knowledge of Biology is expected, as all necessary background information will be discussed. Two lectures weekly. This course fulfills group C distribution but does not meet laboratory science requirement. Not to be counted toward minimum major in Biological Sciences. *Not offered in 1993-94.*

Mr. Smith

108 (2) Horticultural Science with Laboratory

Fundamentals of plant biology with special emphasis on cultivation, propagation and breeding, the effects of environmental and chemical factors on growth, and the methods of control of pests and diseases. Laboratory involves extensive work in the Greenhouses, as well as in the Alexandra Botanic Gardens and Hunnewell Arboretum. Not to be counted toward the minimum

major in Biological Sciences. *Open to all students except those who have taken 111.*

Ms. Bedell, Mrs. Muise, Ms. Soltzberg

109 (1) Human Biology with Laboratory

The study of human anatomy and physiology, with a focus on nutrition, the nervous system, reproduction, embryology, circulation and respiration. Two lectures weekly with a laboratory session every other week. Laboratories involve data collection using computers, physiological test equipment, limited animal dissection and a personal nutrition study. Does not count toward the minimum major in Biological Sciences. *Open to all students except those who have taken 111.*

Mrs. Coyne, Ms. Berger-Sweeney, Mr. Hacopian

110 (2) Introductory Cell Biology with Laboratory

Eukaryotic and prokaryotic cell structure, chemistry and function. Cell metabolism, genetics, cellular interactions and mechanisms of growth and differentiation. *Open to all students.*

Staff

111 (1) Introductory Organismal Biology with Laboratory

Introduction to central questions and concepts in selected areas of biology and demonstration of various experimental approaches. Topics include: development, evolution, ecological systems, and plant and animal structure and physiology. Consideration of the importance of biological science to historical and current world problems. Laboratories include a series of related projects in experimental biology. *Open to all students.*

Staff

201 (1) Ecology with Laboratory

Introduction to the scientific study of interactions between organisms and their environments. Topics include limits of tolerance, population growth and regulation, species interactions, and the structure and function of communities. Emphasis is placed on experimental ecology and its uses in solving environmental problems. Local biological habitats including lakes, forests, marshes, bogs, tundra, and streams are studied during laboratory field trips. *Prerequisite: 111 or permission of the instructor.*

Mr. Rodenhouse, Ms. Moore

203 (1) Comparative Physiology and Anatomy of Vertebrates with Laboratory

The functional anatomy of vertebrate animals, with an emphasis on comparisons between representative groups. The course will cover topics in thermoregulatory, osmoregulatory, cardiovascular, respiratory, digestive, muscle and ecological physiology. A particular focus in 1993-94 will be structural and physiological adaptations to hostile environments. The laboratories will incorporate the study of preserved materials and physiological experiments. *Prerequisite: 109 or 111, or by permission of the instructor.*

Mr. Cameron, Ms. Giffin, Mrs. Muise

206 (1) Histology I: Microscopic Anatomy of Mammals with Laboratory

The structure and function of mammalian tissues, and their cells, using light microscopic, histochemical and electron microscopic techniques. Topics covered include the connective tissues, epithelia, nervous tissue, blood, lymphoid tissue and immunology, as well as others. Laboratory study includes direct experience with selected techniques. *Prerequisite: 110.*

Mr. Smith, Mr. Hacopian

207 (2) The Biology of Plants: "From Photons to Food" with Laboratory

An introduction to the plant kingdom with an emphasis on aspects of biology unique to plants. Topics will include plant diversity and evolution, reproduction and development, the control of growth, photosynthesis, structure and physiology of transport systems, interactions of plants with other organisms and the environment, and applications of genetic engineering to the study and improvement of plants. Laboratory sessions will focus on experimental approaches to the study of plants. *Prerequisite: 110 and 111.*

Ms. Peterman

208 (Wintersession) Plant Biosystematics with Laboratory

An introduction to relationships among the groups of seed plants with an emphasis on the flowering plants (angiosperms). This course will examine the origin, evolution, and the phylogenetic relationships of the major groups of seed plants. Topics will include an introduction to the various characteristics used in determining the phylogenetic relationships of organisms: morphological, biochemical, cytological, as well as pollination biology and reproductive behavior. Lab will include hands-on experience in recogni-

tion of various plant structures and in identifying the major groups of flowering plants. The collections of the Margaret Ferguson Greenhouses and the Hunnewell Arboretum will be used extensively. There will be field trips to local areas of botanical interest as well. Note that a student will be billed for a wintersession unit of credit if that credit results in more than 10 units for the year. A student who attends Wellesley during only one semester of the academic year will be billed for a wintersession unit of credit if it represents a sixth unit of credit. Underwritten by the Friends of Horticulture. *Prerequisite: 111 or 108, or by permission of the instructor.*

Ms. Bedell

209 (2) Microbiology with Laboratory

Introduction to the microbial world, with emphasis on bacteria and viruses, using examples of how these microbes influence human activity. Both medical and non-medical applications, and useful (food production, genetic engineering) as well as harmful (disease, pollution) consequences, of microbes will be discussed along with consideration of biological principles and techniques characterizing the organisms. *Prerequisite: 110 and one unit of college chemistry.*

Mrs. Allen

210 (2) Marine Biology with Laboratory

Oceans cover more than 70% of the earth's surface and are our planet's primary life support system. This course examines adaptations and interactions of plants, animals and their environments in marine habitats. Focal habitats include the open ocean photic zone, mid-water and deep-sea, intertidal, estuaries, and coral reefs. Emphasis is placed on the dominant organisms and food webs within each habitat. *Prerequisite: 111 or permission of the instructor.*

Ms. Moore

213 (1) The Biology of Brain and Behavior with Laboratory

An introduction to the study of the relationship between the nervous system and behavior with particular emphasis on the structure and function of the nervous system. In the first half of the semester, basic neuroanatomy, neurochemistry and neurophysiology are covered. In the second half of the semester, brain mechanisms involved in behaviors such as sensation, language, addiction, memory and cognition are emphasized. The laboratory is designed to expose the student to basic neuroanatomy, neurochemistry and the neurophysiology of behavior. *Prerequisite: 111*

(or 109 with permission of instructor) and Psychology 101.

Ms. Berger-Sweeney, Ms. Paul

219 (1) Molecular Genetics with Laboratory

A two-semester study (BISC 219 and 220) of the structure and functioning of cells, primarily in eukaryotic systems. Emphasis will be placed on our present-day understanding of the principles governing cellular function, growth and differentiation as acquired through experimental analysis. The first semester will be devoted to an understanding of the molecular and biochemical basis of genetics and the interactions between cells that provide the basis for tissue and organismal development. Topics will include: organization of the eukaryotic genome, gene structure and function, differential gene expression, cellular and tissue differentiation including aspects of both animal and plant development, and genetics of pattern formation. Laboratory experiments will expose students to the fundamentals of recombinant DNA methodology and developmental biology. *Prerequisite: 110 and one unit of college chemistry.*

Mr. Webb, Ms. Peterman, Mrs. Lenihan

220 (2) Cellular Physiology with Laboratory

The second semester will focus on structure/function relationships in eukaryotic cells and the molecular and biochemical basis for the immune response. Topics will include thermodynamics, enzymes, membranes, transport, ATP biosynthesis, cell signaling, cell growth and transformation, and immune recognition and response. *Prerequisite: 219 (note: students who have not successfully completed the first half of this course, 219, may NOT enroll in 220.)*

Mrs. Blazar

302 (2) Animal Physiology with Laboratory

The physiology of organ systems in animals. The course will focus on recent findings in cardiovascular, endocrine, sensory, neural and muscle physiology. In the laboratory, students gain experience with the tools of modern physiological research, including digital oscilloscopes, amplifiers, pressure transducers, microelectrodes and computers. *Prerequisite: 203 or 213, or by permission of the instructor.*

Mr. Cameron, Ms. Paul

304 (2) Histology II: Human Microscopic Anatomy and Pathology with Laboratory

Analysis of structure-function relationships of human systems, based principally on microscopic techniques. Examination of structural changes caused by selected disease states in each system, as well as discussion of recent literature. Laboratory study includes tissue preparation for microscopy, as well as hands-on experience at the transmission electron microscope. *Prerequisite:* 206.

Mr. Smith, Mr. Hacopian

305 (1) Seminar. Genetics

Topic for 1993-94: Mapping the Genome. Examination of the background for, objectives of and progress made in the effort to map the entire genome of humans and other model organisms. Social and ethical concerns will be considered as well as the development of technologies to enable both mapping and genetic interventions. *Prerequisite:* 219 and permission of the instructor.

Ms. Widmayer

306 (1) Developmental Biology: Principles of Neural Development with Laboratory

Aspects of nervous system development and how they relate to the development of the organism as a whole. Topics such as axon guidance, programmed cell death, trophic factors, molecular bases of neural development, synaptogenesis, transmitter plasticity, and the development of behavior will be discussed. Laboratory sessions will focus on a variety of methods used to define developing neural systems. *Prerequisite:* 213 or 219, or by permission of the instructor.

Mrs. Beltz

307 (2) Advanced Topics in Ecology: Conservation Biology, with Laboratory

Conservation biology addresses the preservation and maintenance of biological communities, species, or populations undergoing a reduction of space or numbers. Lectures address selected topics in conservation biology including minimum viable population sizes, species extinctions and invasions, habitat fragmentation, and ecosystem restoration. Course format includes lectures and critical discussion of current research papers. *Prerequisite:* 201 or by permission of the instructor.

Mr. Rodenhouse

308 (Wintersession) Tropical Ecology

Ecology of rainforest animals and plants, coral reefs, and mangrove forests are examined during a 24 day course taught in Belize and Costa Rica. The first half of the course is based on an island bordering the world's second longest barrier reef; living and laboratory facilities for the second half are in intact lowland rainforest. Course work is carried out primarily out-of-doors, and includes introduction to flora and fauna, lectures, and field tests of student-generated hypotheses. Note that a student will be billed for a wintersession unit of credit if that credit results in more than 10 units for the year. A student who attends Wellesley during only one semester of the academic year will be billed for a wintersession unit of credit if it represents a sixth unit of credit. *Prerequisites:* 201 or 210 and permission of the instructors. *Not offered in 1993-94.*

Ms. Moore, Mr. Rodenhouse

312 (1) Seminar. Endocrinology

This course involves studying endocrine tissues at several levels of organization. The introductory section covers signal transduction in response to hormones at the cellular level. The second section covers neuroendocrinology (the pituitary gland and its control by the brain) while the final section focuses on selected areas of endocrinology in which several systems (endocrine and nonendocrine) interrelate to control body function, such as reproduction; salt/water metabolism and blood pressure; calcium/phosphate metabolism and bone physiology; growth and development; carbohydrate, protein and lipid metabolism. *Prerequisite:* 220 and permission of the instructor.

Mrs. Coyne

313 (1) Microbial Physiology and Biochemistry with Laboratory

The study of the chemical activities (cellular growth and its physiological basis, metabolic patterns, biochemical and molecular genetics, and the relation of structure to function) of microorganisms as model systems in order to explain living processes in molecular terms. Emphasis on experimental approaches and current literature. In the laboratory, group experimental problems designed to allow the development of research techniques and analysis will be studied. *Prerequisite:* 219 or 209 and Chem. 211, or by permission of the instructor.

Mrs. Allen

314 (1) Topics in Microbiology with Laboratory

Topic for 1993-94: Identity and Defense. This course will study the immune system of mammals with an emphasis on humans. Topics will include the generation of the immune response, T and B cell antigen receptors, host response to transplantation, tumor immunology, and malfunctions of the immune system, including acute onset juvenile diabetes, Lupus Erythematosus and AIDS. The laboratory will involve experiments to induce immunity in animals with subsequent evaluation of humoral and cell mediated immune responses. *Prerequisite: 219 or by permission of the instructor.*

Mrs. Blazar

315 (2) The Neurobiology of Learning and Memory, with Laboratory/WI

This course is designed to provide an overview of the current research regarding the neural substrates of learning and memory. During the first half of the semester, we will focus on mammalian animal models and human amnesia cases and investigations of the neuroanatomical regions and neurotransmitter systems thought to be responsible for memory formation. During the second half of the semester, we will review the physiological and biochemical changes in the brain that accompany, and perhaps account for, learning and memory. In the accompanying laboratory, we will examine the effects of brain lesions on the behavior, electrophysiology and neurochemistry of the rat. *Prerequisite: 213 or 302 or 306, or by permission of the instructor.*

Ms. Berger-Sweeney, Ms. Paul

316 (2) Molecular Biology with Laboratory

The practical applications of recombinant DNA techniques to the study of the control and organization of animal genes at the molecular level. The course will be centered around a laboratory project designed to provide experience with the methodologies used in molecular biology (e.g., molecular cloning, gene mapping, mutagenesis and expression, DNA sequencing, computer analysis of nucleic acid and protein structure and homology). *Prerequisite: 219 and permission of the instructor.*

Mr. Webb

317 (2) Advanced Cellular Biology of Eukaryotes, with Laboratory

The Cell Biology and Biochemistry of Eukaryotic Cells. An in-depth analysis of structure to function relationships in the eukaryotic cells. Topics to be discussed include the cytoskeleton, membrane bound organelles, protein transport and processing, and the biochemistry of photosynthesis, muscle contraction and vision. The laboratory focuses on the protein biochemistry of cells and will generally include such techniques as electrophoresis, electron microscopy, fluorescence microscopy, column chromatography, Western blotting and enzymatic assays. *Prerequisite: 220 and Chemistry 211. Not offered in 1993-94.*

Mr. Harris

330 (1) Seminar. Photobiology

This seminar will be concerned with the biological effects of electromagnetic radiation. It will begin with an introduction to basic photophysics and photochemistry. This will provide the background for the consideration of various topics in photobiology. These will include photosynthesis, photomorphogenesis, light dependent rhythms and responses, vision, and the biological effects of UV radiation. *Prerequisite: 220, or by permission of the instructor.*

Mr. Harris

331 (2) Seminar. 'A Brief History of Life'

Major events in the history of life. Origin of life from non-life, evolution of replicatory molecules, origin of eukaryotic cellular structure, diversification of organic kingdoms and animal phyla, development of strategies for life in terrestrial environments. *Prerequisite: one 200 level course in Biological Sciences.*

Ms. Giffin

332 (1) Advanced Topics in Psychobiology

Topic for 1993-94: Neuronal Form and Function: A Problem-Solving Approach. The brain is a complex network of many different cell types and spatial arrangements which generate a variety of functional outputs. Our focus will be how neuronal architecture is visualized with various technologies and may provide integrative structural models which critically specify and assess mechanisms of physiologic and behavioral state activity. The strategy of this course is novel in the way it will nurture problem solving skills within the context of macroscopic and ultrastructural integrative aspects of the mammalian nervous

system beyond the level of the individual neuron. This problem-based learning approach will permit the student to explore creatively the impact of recent scientific advances upon the morphologic and physiologic theories of neuronal population dynamics. *Prerequisite: 213.*

Mr. Quattrochi

350 (1) (2) Research or Individual Study

Open by permission of instructor, ordinarily to students who have taken at least 4 units in biology.

360 (1) (2) Senior Thesis Research

By permission of the department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

Attention Called

Chemistry 228 (1)

Biochemistry I: Structure and Function of Macromolecules with Laboratory

Chemistry 328 (2)

Biochemistry II: Chemical Aspects of Metabolism with Laboratory

Extrdepartmental 124 (2)

Marine Mammals: Biology and Conservation

Geology 305 (1)

Paleontology with Laboratory

Physics 103 (1)

Physics of Whales and Porpoises. *Not offered in 1993-94.*

Physics 222 (2)

Medical Physics

Directions for Election

A major in Biological Sciences includes eight courses, plus 2 units of college chemistry. BISC 110 and 111 or their equivalent are required for the major. In addition, four 200 level courses are required, and must include at least one course from each of the following three groups: (206, 219, 220—Cell Biology); (203, 207, 208, 213—

Systems Biology); (201, 210, 209—Community Biology). At least two 300 level courses are also required for the major. One of these units, exclusive of 350, 360 or 370 work, must include laboratory. Additional chemistry beyond the two required units is strongly recommended or required for certain 300 level courses. Chemistry courses 228, 328 and Biological Sciences 350, 360 and 370 do not count toward the minimum major.

Students are advised to take both 100 level courses as first year students and to check the prerequisites for 300 level courses carefully so they will have taken the appropriate 200 level courses early enough to enter upper level classes of their choice.

Courses 106, 107, 108, 109 and [112], which do not count toward the minimum major in Biological Sciences, do fulfill the College Group C distribution requirements; 108 and 109 as a laboratory science; 106, 107 and [112] as non-laboratory science courses. Independent summer study will not count toward the minimum major.

Within the major, students may design a program in general biology or one which emphasizes subjects dealing with animals, plants, or cellular/molecular mechanisms. A broad training in the various aspects of biology is recommended.

A minor in Biological Sciences (5 units) consists of: (A) two 100 level units and (B) two 200 level units and (C) one 300 level unit, excluding 350. Students planning a minor should consult the Chair.

Students interested in an interdepartmental major in Biological Chemistry are referred to the section of the Catalog where the program is described. They should consult with Mrs. Allen, the Director of the Biological Chemistry program.

Students interested in an interdepartmental major in Psychobiology are referred to the section of the Catalog where the program is described. They should consult with Ms. Koff or Ms. Berger-Sweeney, the Co-Directors of the Psychobiology Program.

Students interested in an individual major in Environmental Sciences should consult Mr. Rodenhous or Ms. Moore.

First-year students with Advanced Placement credit or with 110 or 111 exemptions and wishing to enter upper level courses are advised to consult the Chair or the instructor in the course in which they wish to enroll. Units given to a student for Advanced Placement in Biology do not count toward the minimum major at Wellesley, but do allow the student to omit BISC 111 from her pro-

gram. AP credit in Biology does not fulfill the Group C distribution requirement for a laboratory science course.

Students planning graduate work are advised to take calculus, statistics, organic chemistry, two units of physics, and to acquire a working knowledge of computers and a reading knowledge of a second language. They should consult the catalogs of the schools of their choice for specific requirements.

Premedical students are referred to the requirements given in the Academic Program section.

Chemistry

Professor: *Loehlin, Hicks, Kolodny, Coleman (Chair), Hearn, Merritt*

Associate Professor: *Haines^A, Stanley, Wolfson*

Assistant Professor: *Arumainayagam, Reisberg, Verschoor, Sprengnether*

Laboratory Instructor: *Darlington, Mann, Turnbull, Doe, Varco-Shea*

Unless otherwise noted, all courses meet for two periods of lecture, one 50-minute discussion period and one three-and-one-half hour laboratory appointment weekly. Chemistry 101, 227, 306 and the selected topics courses will generally be taught without laboratory, but may include laboratory for some topics.

The Chemistry Department reviews elections of introductory chemistry students and places them in 114, 115 or 120 according to their previous preparation and entrance examination scores. Students wishing to enter Chem 211 based on an Advanced Placement score must present a laboratory notebook or other evidence of prior laboratory work to the Department Chair.

Ordinarily, students who have taken one year of high school chemistry should elect Chemistry 114 followed by Chemistry 115. Chemistry 120 replaces 114 and 115 for some students with more than one year of high school chemistry.

101 (1) Contemporary Problems in Chemistry

Chemistry in the Modern World: From modern conveniences to pollution, chemistry is part of our culture. The purpose of this one semester course is to give students a better understanding of the current chemical aspects of our society so that as citizens and consumers they will be better able to make decisions when voting and purchasing goods and services. *Open to all students except those who have taken any Grade I Chemistry course.*

Ms. Sprengnether

102 (1) Contemporary Problems in Chemistry with Laboratory

Chemistry in the Modern World: From modern conveniences to pollution, chemistry is part of our culture. The purpose of this one semester course is to give students a better understanding of the current chemical aspects of our society so that as citizens and consumers they will be better able to make decisions when voting and purchasing goods and services. *Open to all students*

except those who have taken any Grade I Chemistry course.

The Staff

114 (1) (2) Introductory Chemistry I with Laboratory

Review of stoichiometry, atomic and molecular structure, chemical bonding, energetics, transition-metal complexes and states of matter. Chemistry 114 is designed for students who have had one year of high school chemistry and mathematics equivalent to two years of algebra. Students who do not meet these prerequisites and wish to take 114 should consult the Department Chair. A special third class meeting will be scheduled for those students and others whose preparation appears weak. *Not open to students who have taken [113].*

The Staff

115 (1) (2) Introductory Chemistry II with Laboratory

Properties of solutions, chemical equilibrium and kinetics, acids and bases, thermodynamics and electrochemistry. One section in the second semester will be taught as a writing intensive section. *Prerequisite: [113] or 114.*

The Staff

120 (1) Intensive Introductory Chemistry with Laboratory

A one-semester alternative to Introductory Chemistry I and II for students who have taken more than one year of high school chemistry. Atomic and molecular structure, chemical bonding, and energetics, acids and bases, transition-metal complexes, equilibrium and kinetics, thermodynamics and electrochemistry. Three periods of lecture, one 50 minute discussion and one three-and-one-half-hour laboratory appointment weekly. *Open only to students who have taken more than one year of high school chemistry. Not open to students who have taken any Grade I chemistry course.*

Mr. Coleman

211 (1) (2) Organic Chemistry I with Laboratory

Stereochemistry, synthesis and reactions of hydrocarbons, alkyl halides, alcohols and ethers. *Prerequisite: 115 or 120 or permission of the department.*

The Staff

227 (2) Introduction to Biochemistry

A comprehensive overview of the structure of macromolecules, bioenergetics and metabolism. No laboratory. Three periods of lecture per week. *Prerequisite: 211. This course cannot be counted toward a minimum major in Chemistry.*

Ms. Hicks

228 (1) Biochemistry I: Structure and Function of Macromolecules with Laboratory

A study of the chemistry of nucleic acids and proteins with emphasis on structure—function relations and methodology; an introduction to enzyme kinetics and mechanisms. *Prerequisite: Biological Sciences 200 and Chemistry 211, or Chemistry 211 and 313.*

Ms. Wolfson

231 (1) (2) Physical Chemistry I with Laboratory

Properties of gases, chemical thermodynamics, properties of solutions and chemical kinetics. *Prerequisites: 115 or 120, or permission of the department, and Mathematics 116 and Physics 107.*

The Staff

241 (2) Inorganic Chemistry with Laboratory

Structure of atoms, periodic properties, group theory, bonding models for inorganic systems, chemistry of ionic compounds, non-metals, transition metal complexes, organometallic and bio-inorganic chemistry. *Prerequisite: 313.*

Mr. Coleman

261 (1) Analytical Chemistry with Laboratory

Classical and instrumental methods of separation and analysis, quantitative manipulations, statistical treatment of data. *Prerequisite: 115 or by permission of the instructor.*

Ms. Merritt

306 (1) Seminar

Not offered in 1993-94. Offered in 1994-95

313 (1) (2) Organic Chemistry II with Laboratory

A continuation of 211. Includes spectroscopy, chemical literature, synthesis, reactions of aromatic and carbonyl compounds, amines, and carbohydrates. *Prerequisite: 211.*

The Staff

319 (1) Selected Topics in Organic Chemistry

Topic for 1993-94: Applications of Nuclear Magnetic Resonance Spectroscopy in Organic Chemistry. The use of one- and two-dimensional NMR spectroscopy in the elucidation of the structure of organic compounds; the effect of stereochemistry and conformation on spectral properties; applications of various pulse sequences; shift reagents and synthetic polymers.

Ms. Stanley

328 (2) Biochemistry II: Chemical Aspects of Metabolism with Laboratory

An examination of reaction mechanisms, mechanisms of enzyme and coenzyme action; structures and metabolism of carbohydrates and lipids. *Prerequisite:* 228.

Ms. Hicks

329 (2) Selected Topics in Biochemistry

Topic for 1993-94: Enzyme Mechanisms. A study of the amazing catalytic ability of enzymes and the underlying chemical principles governing catalysis. The mechanisms currently proposed for several groups of enzymes, including proteases, phosphate transferases, oxidoreductases, and isomerases, will be discussed with emphasis on the type of experimentation and data interpretation involved in understanding enzyme function.

Ms. Hicks

333 (2) Physical Chemistry II with Laboratory

Quantum chemistry and spectroscopy; structure of solids. *Prerequisites:* 231, *Physics* 108 and *Mathematics* 205 or *Extradepartmental* 216.

The Staff

339 (2) Selected Topics in Physical Chemistry

Not offered in 1993-94. Offered in 1994-95

349 (1) Selected Topics in Inorganic Chemistry

Not offered in 1993-94. Offered in 1994-95

350 (1) (2) Research or Individual Study

Open by permission to students who have taken at least two units in chemistry above the Grade I level.

360 (1) (2) Senior Thesis Research

By permission of department. See p. 65, Departmental Honors. Students in 360 and 370 will be expected to participate regularly in the departmental honors seminar. The seminar provides a forum for students conducting independent research to present their work to fellow students and faculty.

363 (2) Instrumental Analysis with Laboratory

Instrumental analysis with emphasis on data acquisition and manipulation. Electrochemical, spectroscopic and separation techniques for quantitative analysis. The laboratory will focus on the analysis of materials of environmental and/or biological importance. *Prerequisite:* 261 or by permission of the department *Not offered in 1993-94. Offered in 1994-95.*

Ms. Merritt

370 (1) (2) Senior Thesis

Prerequisite: 360.

Directions for Election

Any student who plans to take chemistry beyond 115 or 120 should consult one or more members of the Chemistry Department faculty. The Department Handbook, available at the department office, Science Center 147, contains specific suggestions about programs and deals with a variety of topics including preparation in mathematics and physics, graduate programs and careers of former majors.

A major in chemistry includes: Chemistry [113] and 115, or 114 and 115, or 120; 211, 231, 313, and 333; two of the three courses 228, 241 or 261; *either* (option 1) two additional units of chemistry at the Grade II or Grade III level, at least one of which must include laboratory *or* (option 2) one additional unit of chemistry at the Grade II or Grade III level and a Grade II unit of Physics with laboratory (excluding 219). Independent study courses (350, 360 and 370) may be counted as *one* of the additional requirements in option 1 and as the additional chemistry requirement in option 2. An independent study course which is predominantly a reading course cannot be used to satisfy the laboratory requirement of option 1. In addition, Mathematics 205 or Extradepartmental 216, and Physics 107 and 108 are required. The mathematics and physics courses may be counted toward a minor in those departments. Early completion of the Physics requirement is encouraged.

Students interested in the interdepartmental major in Biological Chemistry are referred to the

section of the Catalog where that major is described. They should also consult with the Director of the Biological Chemistry program.

All students majoring in chemistry are urged to develop proficiency in the use of one or more computer languages.

A minor in chemistry (5 units for 120 option, 6 units for [113]/115 or 114/115 option) consists of: Chemistry [113]/115 or 114/115 or 120; 211 and 231; a choice of 228, 241 or 261; 1 additional 200 or 300 level unit, excluding 350. The mathematics and physics prerequisites for Chemistry 231 must also be satisfied. Normally no more than 1 unit in Chemistry from another institution may be counted toward the minor.

Students planning graduate work in chemistry or closely allied fields should strongly consider additional mathematics and physics courses.

The American Chemical Society has established a set of requirements which it considers essential for the training of chemists. Students wishing to meet the standard of an accredited chemist as defined by this society should consult the Chair of the Department of Chemistry.

Teacher Certification: Students interested in obtaining certification to teach chemistry in the Commonwealth of Massachusetts should consult the Chair of the Education Department.

Placement and Exemption Examinations

For exemption with credit, students will be expected to submit laboratory notebooks or reports following successful completion of the exemption exam. For non-majors, AP credit in Chemistry does not fulfill the Group C distribution requirement for a laboratory science course.

Credit for Courses Taken At Other Institutions

In order to obtain Wellesley credit for any chemistry course taken at another institution during the summer or the academic year, approval must be obtained from the Chair of the Department prior to enrolling in the course. In general, courses from two-year colleges will not be accepted at any level. Level 3 credit will not be approved for the second semester of organic chemistry taken at any other institution. These restrictions normally apply only to courses taken after enrollment at Wellesley. Transfer students wishing to obtain credit for chemistry courses taken prior to enrollment at Wellesley should consult the Chair of the Department.

Chinese

Professor: Ma

Associate Professor: Lam (Chair)

Assistant Professor: Sung, Trumbull

Lecturer: Yao

Teaching Assistant: Tseng

101 (1-2) Elementary Spoken

Chinese Chinese 101 and 102 combined form the first-year Chinese course, and must be taken concurrently. Students will receive a total of two and one-half units for this combined first-year course: 1.25 units of credit for the fall semester of 101, and 1.25 units of credit for the spring semester of 102. *No credit will be given, however, unless both semesters of both 101 and 102 are completed satisfactorily.* Chinese 101 provides an introduction to vernacular Mandarin Chinese. Pronunciation, sentence structure, and conversation. Two 70-minute periods plus small drill section to be arranged. *Open to all students with no background or no previous formal Chinese language training. Corequisite: 102.*

Mrs. Lam (1), Mrs. Yao (2), and the Staff

102 (1-2) Basic Chinese Reading and Writing

Analysis of grammar and development of reading skills of simple texts and in character writing in both regular and simplified forms. Two 70-minute periods. 101 and 102 combined form the first-year Chinese course (see above). *No credit will be given for this course unless both semesters are completed satisfactorily. Open to all students with no background or no previous formal Chinese language training. Corequisite: 101.*

Mrs. Lam (1), Mrs. Yao (2), and the Staff

105 Master Works of Chinese Literature and Civilization

Introduction to themes central to traditional Chinese civilization through English translations of selected literary, historical and philosophical texts. Readings from the *Book of Songs* (10th-6th centuries B.C.), the *Book of Changes*, the Confucian classics, Taoist literature, Sima Qian's *Records of the Grand Historian*, Chinese mythology, *Romance of the Three Kingdoms*, and Tang dynasty (618-907 A.D.) tales of the supernatural. No previous exposure to Asian culture or knowledge of the Chinese language necessary. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94.*

141 China on Film

West looks East through the camera's eye: a cinematic exploration of Western conception of twentieth-century China. Films, primarily documentary, will be analyzed in their historical context, supplemented by readings on both background material and film criticism. Focus on major shift of dominant Western opinion toward China. Course conducted in English. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94.*

143 (2) Chinese American Culture

This course takes a comparative approach to the topic of Chinese American culture. Contemporary novels, short stories, poems and films produced by Chinese American men and women will be analyzed stressing the ways that artists can derive cultural power from the "Old Country," China. *Open to all students. No previous knowledge of Chinese is required.*

Mr. Trumbull

151 (1) Advanced Elementary Chinese I

Intensive oral training and practice in reading and writing with particular stress on sentence structure and vocabulary building. Three 70-minute periods. *Open to students who can read and write some Chinese with a speaking ability of either Mandarin or any kind of Chinese dialect. Students are urged to take 151 in the first semester and 152 in the second in preparation for intermediate work in 251 and 252. No credit will be given for 151 unless 152 is also completed satisfactorily. More advanced students can enroll in 152 only by permission of the department chair.*

Mrs. Ma

152 (2) Advanced Elementary Chinese II

Logical continuation of 151. Three 70-minute periods. Students are urged to take both 151 and 152. At the successful completion of 151 and 152, students will receive one unit of credit for each course. More advanced students can enroll in 152 without having taken 151 by permission of the department chair. Students who have completed 152 satisfactorily should enroll in 251 and 252 for their second year of study.

Mrs. Ma

201 (1-2) Intermediate Chinese Conversation

Chinese 201 and 202 combined form the second-year Chinese course, and must be taken concurrently. Students will receive a total of two and

one-half units of credit: 1.25 units for the fall semester of 201, and 1.25 units for the spring semester of 202. *No credit will be given, however, unless both semesters of both 201 and 202 are completed satisfactorily.* The aim of this course is to improve aural understanding and speaking "everyday Chinese" through drills, discussions, listening to cassettes and watching videotapes. Two 70-minute periods and small drill section to be arranged. *Prerequisite: 101 and 102 taken concurrently, or by permission of the instructor. Students who have completed 151 and 152 should take 251 and 252. Corequisite: 202.*

Mr. Trumbull (1), Ms. Sung (2), and the Staff

202 (1-2) Intermediate Chinese Reading

Objectives of this course are to consolidate the foundations built in Elementary Chinese and to develop sentence structure and vocabulary. The emphasis is on reading simple texts, developing an expository style, writing short answers and essays in response to questions about the text. Two 70-minute periods. 201 and 202 combined form the second year Chinese course and must be taken concurrently (see above). *No credit will be given for this course unless both semesters are completed satisfactorily. Prerequisite: same as for 201. Corequisite: 201.*

Mr. Trumbull (1), Ms. Sung (2), and the Staff

213 (2) Diverse Cultures of China

Exploration of a series of historical topics with focus on cultural development among the major minority groups living in China from the 7th to the 20th century and their place in the patterns and themes of modern China's culture. Classes taught in English. *Open to all students. Satisfies the multicultural requirement.*

Mrs. Lam

241 (1) Chinese Poetry and Drama in Translation

A survey of Chinese literature of classical antiquity with emphasis on works of lyrical nature. Readings will include selections from the *Book of Songs*, elegiac poetry of Qu Yuan and works by the great poets of the Tang and Song dynasties. The course concludes with an introduction to poetic drama of the Yuan Dynasty. Comparative analysis with other world literatures will be encouraged. Classes in English. *Open to all students. Satisfies the multicultural requirement.*

Mr. Trumbull

242 (2) Chinese Fiction in Translation

A survey of Chinese narrative literature from the medieval period to the present, including short stories from the T'ang Dynasty to the end of the Ming, selections from the great classic novels of the Ming and Ching Dynasties, and prose fiction by 20th-century authors. Discussions will focus on the different stylistic developments of high- and low-culture literature, the social significance of this literature, and the writer's perceptions of the customs, institutions, and conflict of his/her historical environment. Classes in English. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94.*

251 (1) Advanced Intermediate Chinese I

Chinese 251 and 252 combined form the second-year Chinese course open to students who have completed 151 and 152. This course moves at a faster pace than 201-202 and is geared for the more advanced intermediate students. Students will receive one unit of credit for each course. *No credit will be given, however, unless both semesters of 251 and 252 are completed satisfactorily. Three 70-minute periods. Prerequisite: Completion of 151 and 152, or by permission of the instructor.*

Mrs. Lam

252 (2) Advanced Intermediate Chinese II

This course is essentially the same as 201 and 202, except that it will move at a faster pace and is geared for the more advanced intermediate students who have completed 251. Three 70-minute periods. 251 and 252 combined form the second year of advanced intermediate Chinese. *No credit will be given for this course, therefore, unless both semesters are completed satisfactorily. Prerequisite: Completion of 251, or by permission of the instructor.*

Mrs. Ma

301 (1) Advanced Chinese I

Advanced training is given in all the language skills, with focus on reading and discussion in Chinese of selections from contemporary Chinese writings on various topics from both Taiwan and Mainland China. 301 and its companion 302 (2) constitute the third year of the Chinese language program for the major in Chinese. Three 70-minute periods with the third period to be scheduled. *Prerequisite: 201-202/201(S)-202(S) or 251-252, or permission of the instructor.*

Mrs. Sung

302 (2) Advanced Chinese II

301 and 302 are two one-semester courses, which taken in sequence constitute the third year of the Chinese language program for the Chinese major. Advanced language skills are further developed, but more time is devoted to learning to read various styles of modern Chinese writing. Three 70-minute periods with the third period to be scheduled. *Prerequisite: 301/303 or permission of the instructor.*

Mrs. Yao

303 Advanced Chinese Conversation

Course is designed for high-level students who wish to refine their proficiency in Chinese, enhancing it with specialized functional terminology and modes of expression for specific contexts and situations. Short plays, news broadcasts, and video films will be used in this course. Three 70-minute periods with the third period to be scheduled. *Prerequisite: 201-202/201(S)-202(S) or 251-252 or permission of the instructor. Not offered in 1993-94.*

305 Readings in Expository Writings of People's Republic of China

Readings and discussions in Chinese of selections from People's Republic of China including the works of Mao Zhedong and important issues of various current events and focus on practice in writing and translating skills. Three 70-minute periods with the third period to be scheduled. *Prerequisite: 301 and/or 302, or permission of the instructor. Not offered in 1993-94.*

310 (2) Introduction to Literary Chinese

An introduction to the rudimentary components of the literary language (Wen-yen) through readings selected from the basic classical sources in literature, philosophy, and history. Attention will be given to the grammatical differences between Wen-yen and modern Chinese. Classes will be conducted in Chinese. All lessons will be accompanied by tapes. Three 70-minute periods with the third period to be scheduled. *Prerequisite: 301, 302 and/or 303, or 305, or permission of the instructor.*

Mr. Trumbull

311 Readings in Classical Chinese

Reading and discussion in Chinese of selections of poetry, prose, traditional short stories, and novels. Three 70-minute periods with the third period to be scheduled. *Prerequisite: 310 or by*

permission of the instructor. Not offered in 1993-94.

312 (1) Readings in Contemporary Developmental Issues of China

Texts from Mainland China and Taiwan chosen to improve reading, discussion, and translation skills. Emphasis on issues of contemporary cultural development as seen in works of scholarship, government publications, and case studies documenting various developmental models. Where applicable, students may translate western studies of Chinese development from English to Chinese and apply their knowledge in comparing socioeconomic and political models. Three 70-minute periods with the third to be scheduled. *Open to students who have taken at least one Grade III course or by permission of the instructor.*

Mrs. Ma.

316 (1) Seminar. Chinese Literature in the Twentieth Century

Reading and discussion of modern Chinese literature. Topic will be changed every year so students can select this course repeatedly. Readings will include selections from novels, short stories and poetry as well as critical essays by Chinese and Western critics. Taught in Chinese; the readings will be in Chinese. Two 70-minute periods. *Prerequisite: 302, 305, 310, 311, or 312, or by permission of the instructor.*

Ms. Sung

330 Images of Women in Chinese Literature

The development of the image of the female in Chinese literature, especially in popular fiction from the seventeenth century to modern times. Readings from the Ming and Ch'ing short stories, the eighteenth-century novel *Hou lou meng* (*The Story of the Stone*), and the works of such twentieth-century writers as Ding Ling and Pai Hsien-yung. *Open to students who have taken one Grade II course in any literature. Taught in English. Satisfies the multicultural requirement. Not offered in 1993-94.*

349 (2) Seminar. Topics in Literary Chinese

Reading and discussion in Chinese of premodern literary writings. This course is conducted in Chinese. Topic will be changed every year so students can elect repeatedly. Two 70-minute periods. *Prerequisite: 310 or 311 or by permission of the instructor.*

Ms. Sung

350 (1) (2) Research or Individual Study 1 or 2
Open by permission to qualified students.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Directions for Election

Students who are interested in the area of Chinese have two options to consider for a major: 1. Chinese major, mainly working on language and literature; 2. Chinese Studies, Chinese Studies in general with Chinese language proficiency. Although only two years of Chinese language are required for language proficiency, an extensive language training and ability to read literature in the original are strongly recommended. The individual should consult the chair of the department and the advisor early in the college career.

A major in Chinese language and literature must first complete prerequisite courses Chinese 101-102 or Chinese 151 and 152, or their equivalent. Chinese 101-102 counts as 2.5 units, and Chinese 151 and 152 count as 2 units toward the degree. Neither 101-102 nor 151-152 counts towards the major. The major requirements may be met by completing an additional 8 course units as follows: all of Chinese 201-202 (2.5 units) or 251-252 (2 units), 301 and 302; at least one course from among Chinese 303, 305, 310, 311 and 312; one seminar course—either 316 or 349; and one course taught in English from among Chinese 105, 141, 143, 213, 241, 242 and 330. Students are encouraged to take History 275, 276 and/or Political Science 208 for further background in Chinese culture.

Course 350 is an opportunity for properly qualified students to work independently in fields not covered in other courses in the department. Students taking 350 are required to use original Chinese source material.

Requirements for a minor in Chinese language and literature may be met by completing a minimum of 5 units, including the following required courses: Chinese 301 and 302; at least two of the following: Chinese 303, 305, 310, 311, 312, 316 and 349; and one course on Chinese literature or culture taught in English from the among the following: Chinese 105, 141, 143, 213, 241, 242 and 330. Students are encouraged to take History 275, 276 or Political Science 208 for further background in Chinese culture.

The transfer of credit (either from another American institution or from a language program abroad) is not automatic. A maximum of 3 units may be transferred toward the major. Students wishing to transfer credit should be advised that a minimum of 6 units of course work in the Chinese Department must be completed. Transfer students from other institutions are required to take a placement test administered by the Chinese Department. It is essential that proof of course content and performance in the form of syllabi, written work, examinations and grades be presented to the Chinese Department chair.

Students planning to study abroad must obtain prior consent for their program of study from the Registrar's Office and the Chinese Department chair. Upon returning to Wellesley, students must take a Chinese Department placement test and obtain final approval for transfer of credits from the Department faculty.

Chinese Studies

AN INTERDEPARTMENTAL MAJOR

Directors: *Clapp, Lam*

The major in Chinese Studies is designed for students whose interests are in areas other than language or literature. It requires at least two years of Chinese language training and a minimum of four units from among the courses listed below, at least two of which must be from outside the Chinese Department and at least two of which must be at the 300 level.

350 (1) (2) Research or Individual Study 1 or 2
Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2
By permission of director. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis
Prerequisite: 360.

Art 248 (1)
Chinese Painting

Art 337 (2)
Seminar. Art Traditions Shared by China and Japan

Chinese 105
Master Works of Chinese Literature and Civilization (In English). *Not offered in 1993-94.*

Chinese 141
China on Film (In English). *Not offered in 1993-94.*

Chinese 143 (2)
Chinese American Culture (in English)

Chinese 213 (2)
Diverse Cultures of China (In English)

Chinese 241 (1)
Chinese Poetry and Drama in Translation (In English)

Chinese 242
Chinese Fiction in Translation (In English). *Not offered in 1993-94.*

Chinese 316 (1)
Seminar. Chinese Literature in the Twentieth Century

Chinese 330
Images of Women in Chinese literature (In English). *Not offered in 1993-94.*

Chinese 349 (2)

Seminar. Topics in Literary Chinese

Economics 239

The Political Economy of East Asian Development. *Not offered in 1993-94.*

History 275 (1)

Imperial China

History 276

China in Revolution. *Not offered in 1993-94.*

History 346

Seminar. China and America: The Evolution of a Troubled Relationship. *Not offered in 1993-94.*

History 347 (1)

The Cultural Revolution in China

History 352

Seminar. Tiananmen as History. *Not offered in 1993-94.*

Political Science 208 (1)

Politics of East Asia

Political Science 239

Political Economy of East Asian Development. *Not offered in 1993-94.*

Political Science 301 (2)

Seminar. Democracy Movements in East Asia

Political Science 306

Seminar. Revolutions in the Modern World. *Not offered in 1993-94.*

Political Science 328

The Politics of East-West Relations. *Not offered in 1993-94.*

Religion 108 (2)

Introduction to Asian Religions

Religion 108M

Introduction to Asian Religions. *Not offered in 1993-94.*

Religion 253 (1)

Buddhist Thought and Practice

Religion 254

Chinese Thought and Religion. *Not offered in 1993-94.*

Religion 353

Seminar. Zen Buddhism. *Not offered in 1993-94.*

Religion 356

Seminar. Ideal Society in Asian Religions. *Not offered in 1993-94.*

Classical Civilization

AN INTERDEPARTMENTAL MAJOR

Director: *Lefkowitz*

Students who wish a Classical Civilization Major can plan with the Departments of Greek and Latin an appropriate sequence of courses, which might include work in art, history, philosophy, and literature. Such a program should always contain at least four units in the original language.

104 (1)(A) Classical Mythology

The religious origins of myth; its treatment in ancient literature; its role as perhaps the most influential legacy of Greek and Roman civilizations. The narrative patterns of ancient myths that continue to determine how male and female lives are described and portrayed in modern literature. Reading from ancient sources in English translation. *Open to all students.*

Mrs. Lefkowitz

115 (2)(A) Women's Life in Greece and Rome

Were the ancient Greeks and Romans misogynists? Did their attitudes set the pattern for discrimination against women in modern European literature and life? Does modern feminist theory help or hinder the investigation of these questions? Reading from ancient historical, religious, medical, and legal documents in English translation. *Open to all students.*

Mrs. Lefkowitz

Classical Civilization 120/Writing 125B (1) (A) The Trojan War

Heroes and heroines at Troy; Greek victory and Trojan defeat; the homecoming of the heroes. Selected readings in translation from Homer's *Iliad* and *Odyssey*, Euripides' *Trojan Women*, and Vergil's *Aeneid*. Recent critical essays on the epics and Euripides' tragedy. Emphasis on development of writing skills. Course fulfills first year writing requirement, and also counts as unit for Group A distribution requirement and Classical Civilization major. Three meetings. *Open only to first-year students.*

Miss Geffcken

235/335 (1)(B¹) The Politics of the Past

Study of the Classical past as reinvented by later societies. Examples include: Charlemagne and the Roman Empire; the American Constitution

and the Roman Republic; the revival of the nude in Renaissance art; the Dido and Aeneas theme; homosexuality in the 19th century and sexual behavior in ancient Greece; the traditional lore of the Freemasons; the current Black Athena controversy. Politics, art, literature, scholarship and private life will be considered. This course may be taken as either 235 or, with additional assignments, 335. *Prerequisite: 235 open to sophomores, juniors and seniors, 335 by permission of instructor.*

Ms. Marvin

236/336 (2)(B¹) Greek and Roman Religion

The founders of Western Civilization were not monotheists. Rather, from 1750 BC until AD 500 the ancient Greeks and Romans sacrificed daily to a pantheon of immortal gods and goddesses who were expected to help mortals achieve their earthly goals. How did this system of belief develop? Why did it capture the imaginations of so many millions for over 2000 years? What impact did the religion of the Greeks and Romans have upon the other religions of the Mediterranean, including Judaism and Christianity? Why did the religion of the Greeks and Romans ultimately disappear? This course may be taken as either 236 or, with additional assignments, 336. *Prerequisite: 236, open to all students; 336, by permission of the instructor.*

Mr. Rogers

241 (B¹) Medicine

A survey of medical practice in the Near East, Greece, and Rome focusing on the development of rational medicine under Hippocrates and the medical achievements of the Hellenistic era. Also, theories of physical and mental diseases and their consequences for later Western medical practice, doctor-patient relations, malpractice suits, the cult of the healing god Asklepios, and miracle cures. *Open to all students. Not offered in 1992-93, 1993-94. Offered in 1994-95.*

The Staff

243 (2)(B¹) Roman Law

Ancient Roman civil law; its early development, codification, and continuing alteration; its historical and social context (property, family, slavery); its influence on other legal systems. Extensive use of actual cases from antiquity. *Open to all students.*

Mr. Starr

310 (2)(A) Greek Drama in Translation

Intensive study, in English translation, of tragedies by Aeschylus, Sophocles, and Euripides and comedies by Aristophanes and Menander. The survival in literary form of primitive ritual; the development of new mythic patterns on ancient models; the role of contemporary psychoanalytic theory in evaluating the social function and structure of drama; the reflection of contemporary social and political issues in drama. *Prerequisite: CLCV 104 or CLCV 236/336 or any literature course in English or a foreign language or by permission of the instructor.*

Ms. Dougherty

345 (1) Selected Topics

Not offered in 1993-94.

346 (2) Selected Topics

Topic for 1993-94: the Greek City. The role of the city in the formation and dissemination of Greek civilization. Selected readings about civic life and institutions. *If taken as classical civilization, fulfills the (B¹) distribution requirement. Prerequisite: any Grade II ancient history or classical civilization course.*

The Staff

350 (1) (2) Research or Individual Study 1 or 2

Open to seniors by permission.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) or (2) Senior Thesis

Prerequisite: 360.

The selections listed below are available for majors in Classical Civilization:

Art 100 (1-2)

Introduction to the History of Art

Art 241 (1)

Egyptian Art

Art 242 (2)

Greek Art. *Not offered in 1993-94.*

Art 243 (2)

Roman Art

Art 334 (1)

Seminar. Issues in Ancient Art and Archaeology. *Not offered in 1993-94.*

Extrdepartmental 200 (1)
Classic Western Texts in Contemporary Perspective. *Not offered in 1993-94.*

History 100 (1)
Introduction to Western Civilization

History 230 (2)
Greek History from the Bronze Age to the Death of Philip II of Macedon

History 229/329 (1)
Alexander the Great: Psychopath or Philosopher King?

History 231 (2)
History of Rome. *Not offered in 1993-94.*

Philosophy 101 (1)
Introduction to Philosophy: Plato and Aristotle

Philosophy 310 (2)
Seminar in Ancient Philosophy. Topic for 1993-94: Aristotle.

Religion 104 (2)
Introduction to the Hebrew Bible/Old Testament

Religion 105 (1) (2)
Introduction to the New Testament

Religion 204 (2)
Law, Social Order and Religious Practice in the Hebrew Bible/Old Testament

Religion 206
Prayer, Wisdom, and Love in the Hebrew Bible/Old Testament

Religion 211
Jesus of Nazareth

Religion 212
Paul: The Controversies of an Apostle. *Not offered in 1993-94.*

Religion 243 (2)
Women in the Biblical World. *Not offered in 1993-94.*

Religion 298 (2)
New Testament Greek

Classical and Near Eastern Archaeology

AN INTERDEPARTMENTAL MAJOR

Director: *Marvin*

The purpose of a major in Classical and Near Eastern Archaeology is to acquaint the student with the complex societies of the Old World in antiquity.

The program for each student will be planned individually from courses in the Departments of Anthropology, Art, Greek, History, Latin, Philosophy, and Religion as well as from the architecture and anthropology programs at MIT. The introductory course in archaeology (Anthropology 106) or its equivalent is required for all archaeology majors.

Students who concentrate in classical archaeology must normally have at least an elementary knowledge of both Greek and Latin, and take both Greek and Roman history as well as Greek and Roman art. Students who concentrate on the ancient Near East must have an elementary knowledge of one ancient Near Eastern language (attention is called to the Brandeis exchange program) and take Anthropology 242 which details the emergence of early urban societies in the Near East, Religion 203 which traces their later history, and Egyptian Art (Art 241).

Students should plan for at least one summer of excavation and/or travel. Scholarship aid for this travel is available from the Stecher Fund for qualified students.

350 (1) (2) Research or Individual Study 1 or 2
Open by permission to juniors and seniors.

360 (1) (2) Senior thesis Research 1 or 2
By permission of director. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis
Prerequisite: 360.

Cognitive Science

AN INTERDEPARTMENTAL MAJOR

Director: *Lucas*

A major in Cognitive Science is designed to provide students with the breadth necessary for an interdisciplinary approach to the study of the mind, as well as with substantive training in one of the component disciplines (Psychology, Artificial Intelligence, Linguistics, or Philosophy).

Students majoring in cognitive science must take three of the following four courses, although it is strongly recommended that all four courses be taken. In choosing courses students should be aware of prerequisites for core and concentration courses. A minimum of ten courses is required for the major.

Students are urged to consult the MIT Catalogue for additional offerings in the major.

Computer Science 111 (1) (2)
Introduction to Computer Science

Psychology 101 (1) (2)
Introduction to Psychology

Philosophy 215 (1)
Philosophy of Mind

Language Studies 114 (1)
Introduction to Linguistics

In addition, students must take the following three courses:

Computer Science 230 (1) (2)
Data Structures

Psychology 217 (2)
Memory and Cognition

Psychology 330 (2)
Seminar. Cognitive Science

The student must also design a concentration for the major that involves a minimum of four courses, one of which must be at the 300 level. Independent studies (350) and honors projects (360 and 370) can count toward this requirement. In designing concentrations, students may also choose from the following list of electives:

350 (1) (2) Research or Individual Study 1 or 2
Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2
By permission of director. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis
Prerequisite: 360.

Biological Sciences 213 (1)
Biology of Brain and Behavior

Biological Sciences 315 (2)
The Neurobiology of Learning and Memory

Computer Science 231 (1)
Fundamental Algorithms

Computer Science 232 (1)
Artificial Intelligence

Computer Science 235 (2)
Languages and Automata

Computer Science 249
Topics in Computer Science. *Not offered in 1993-1994.*

Computer Science 305 (2)
Theory of Algorithms

Computer Science 310
Mathematical Foundations of Computer Science. *Not offered in 1993-94.*

Computer Science 332
Topics in Artificial Intelligence. *Not offered in 1993-94.*

Computer Science 333 (2)
Computer Models of Natural Language

Language Studies 240
Phonetics and Phonology. *Not offered in 1993-94.*

Language Studies 244
Language Form and Meaning. *Not offered in 1993-94.*

Language Studies 312
Bilingualism: An Exploration of Language, Mind and Culture. *Not offered in 1993-94.*

Language Studies 322 (2)
Child Language Acquisition

Philosophy 207 (1)
Philosophy of Language

Philosophy 216 (1) (2)
Logic

Philosophy 256 (2)
Topics in Logic

Philosophy 345 (1)
Seminar: Advanced Topics in Philosophy of Psychology and Social Science. Topic for 1993-94: Consciousness.

Psychology 205 (1) (2)
Statistics

Psychology 214R (1)
Research Methods in Cognitive Psychology

Psychology 216
Psychology of Language. *Not offered in 1993-94.*

Psychology 218 (2)
Sensation and Perception

Psychology 219 (1)
Physiological Psychology

Psychology 318 (1)
Seminar. Brain and Behavior

Psychology 316 (1)
Linguistic Structures and Psychological Processes

Psychology 319 (2)
Seminar. Psychobiology

Psychology 335
Seminar. Memory in natural contexts. *Not offered in 1993-94.*

Computer Science

Associate Professor: *Hildreth (Chair), Shull*
Assistant Professor: *Herskovits, Metaxas,*
Wright, Cantor

Lecturer: *Lonske*

Lab Instructor: *Herbst*

110 (1) (2) Computers and Programming

A broad introduction to computer science. Topics include: computer logic and organization, program translation, models of computation, decidability, and the impact of computers on society. Students learn the science and art of programming by building a Macintosh application using HyperCard. *Open to all students. No prior background with computers or mathematics is expected. Students considering additional computer science courses should take 111, not 110.*

Mr. Cantor, Staff

111 (1) (2) Introduction to Computer Science

Introduction to problem-solving through computer programming. Introduces the fundamentals of programming in PASCAL, a high-level language that is widely used in computer science education and practice. Through assignments, students develop interactive programs to create graphics, play games, maintain records, analyze data and perform numerical calculations. Students can elect to complete an extended programming project of their own design. *Open to all students. Required for students who wish to major in computer science or elect more advanced courses in the field.*

Ms. Hildreth, Mr. Metaxas, Mr. Cantor

230 (1) (2) Data Structures

An introduction to the theory and applications of data structuring techniques. Topics include: internal data representations, abstract data types, stacks, recursion, queues, list structures, hashing, and trees; algorithms for searching and sorting, and methods for determining their efficiency. *Prerequisite: 111 or by permission of the instructor.*

Ms. Hildreth, Ms. Lonske

231 (1) Fundamental Algorithms

An introduction to the design and implementation of fundamental algorithms. Divide-and-conquer, greedy, dynamic programming and backtracking algorithms are covered. Topics

include: sorting and searching, graph algorithms, NP-completeness, and parallel programming. *Prerequisite: 230.*

Mr. Shull

232 (1) Artificial Intelligence

An introduction to Artificial Intelligence (AI), the design of computer systems that possess and acquire knowledge and can reason with that knowledge. Topics include knowledge representation, problem solving and search, planning, vision, language comprehension and production, learning, and expert systems. To attain a realistic and concrete understanding of these problems, CommonLisp, an AI language, will be taught and used to implement the algorithms of the course. *Prerequisite: 230 or by permission of the instructor.*

Ms. Herskovits

235 (2) Languages and Automata

An introduction to the concepts of languages and automata. Topics include languages, regular expressions, finite automata, grammars, push-down automata and Turing machines. *Prerequisite: 230, Mathematics 225 or Mathematics 305 (may be concurrent registration).*

Mr. Shull

240 (1) Introduction to Machine Organization with Laboratory

An introduction to machine organization and assembly language programming. Topics include an overview of computer organization, introduction to digital logic and microprogramming, the conventional machine level and assembly language programming, and introduction to operating systems. The course includes one three-hour laboratory appointment weekly. *Prerequisite: 230.*

Mr. Shull

249 Topics in Computer Science

Prerequisite CS230, or by permission of instructor. Not offered in 1993-94.

251 (2) Theory of Programming Languages

An introduction to the theory of the design and implementation of contemporary programming languages. Topics include the study of programming language syntax, comparison of different types of language processors, study of language representations, and comparison of different language styles, including procedural, functional,

object oriented, and logic programming languages. *Prerequisite: 230.*

Mr. Metaxas

301 (1) Compiler Design

A survey of the techniques used in the implementation of programming language translators. Topics include lexical analysis, the theory of parsing and automatic parser generators, semantic analysis, code generation, and optimization techniques. *Prerequisite: 235; 240. Not offered in 1993-94.*

305 (2) Theory of Algorithms

A survey of topics in the analysis of algorithms and in theoretical computer science. Emphasis is placed on asymptotic analysis of the time and space complexity of algorithms. Topics will include fast algorithms for combinatorial problems, introduction to complexity theory and the theory of NPcomplete problems. *Prerequisite: 231, Mathematics 225 or Mathematics 305. Not offered in 1994-95.*

Mr. Shull

307 (1) Introduction to Computer Graphics

A survey of topics in computer graphics with an emphasis on fundamental techniques. Topics include: graphics hardware, fundamentals of two and three dimensional graphics such as clipping, windowing, and coordinate transformations, raster graphics techniques such as line drawing and filling algorithms, hidden surface removal, shading and color models. Students learn how to design graphics displays using a state-of-the-art computer graphics software package. *Prerequisite: 230. Not offered in 1994-95.*

Ms. Hildreth

310 (1) Mathematical Foundations of Computer Science

A survey of topics in mathematical theory of computation. Topics include: Turing machines (including nondeterministic and universal machines), recursive function theory, Church's thesis, the halting problem and propositional calculus. *Prerequisite: 235, Mathematics 225 or Mathematics 305. Not offered in 1993-94.*

332 Topics in Artificial Intelligence

A study of selected research areas of artificial intelligence, emphasizing computer models of biological information processing. Topics will include some of the following: vision, spatial reasoning, robotics, object recognition, deduc-

tion and planning. Assignments will use AI application software written in CommonLISP and will include a substantial programming project. *Prerequisite:* 232. *Not offered* 1993-94.

333 (2) Computer Models of Natural Language

Central to the field of Artificial Intelligence is a new approach to the study of ordinary languages like English. We will examine how computer models shed light on the nature of language and communication. Topics include: syntax and parsing; semantics and knowledge representation; semantic analysis; reasoning and language comprehension and production; pragmatics and computer models of discourse. *Prerequisite:* 230 or permission of the instructor. *Not offered* in 1994-95.

Ms. Herskovits

340 (2) Computer Architecture with Laboratory

An examination of computer hardware organization. Topics include: architecture of digital systems (gates, registers, combinatorial and sequential networks), fundamental building blocks of digital computers, control logic, microprogramming, microprocessor, pipelined and multiprocessor systems and new technologies. The course includes one three-hour digital laboratory appointment weekly. *Prerequisite:* 240. *Not offered* in 1993-94.

341 (2) Operating Systems

An examination of the software systems which manage computer hardware. Topics include processes, interprocess communication, process coordination, deadlock, memory management, swapping, paging, virtual memory, input/output management, file systems, protection, security, networks, distributed systems, multiprocessors, and massively parallel machines. *Prerequisite:* CS240 or by permission of the instructor. *Not offered* in 1994-95.

Mr. Cantor

349 (1) Topics in Computer Science

This course is an in-depth introduction to parallel computing. It is divided in four parts. First, it introduces the need for parallel computation and describes some of the fundamental algorithmic techniques. The second part surveys some of the most popular interconnection networks employed in today's parallel computers. In the third part, several parallel algorithms are being designed and implemented. A project consisting of simulation of the human genome mapping, a problem from

biology, composes the last part. *Prerequisite:* CS230.

Mr. Metaxas

350 (1)(2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors

360 (1)(2) Senior Thesis Research 1 or 2

By permission of the department. See p. 65, Departmental Honors.

370 (1)(2) Senior Thesis

Prerequisite: 360

Cross-Listed Courses

Attention Called

Physics 219 (2)

Modern Electronics Laboratory

Directions for Election

Students majoring in computer science must complete 230, 231, 235, 240, two Grade III courses other than 350 or 370, and at least two additional computer science courses. At most one unit of Grade I work (excluding 110) may be counted as part of the required eight courses. Computer related courses at MIT used to meet the eight course requirement must be approved in advance by the department on an individual basis. In addition, all majors in computer science will be expected to complete (1) either Mathematics 225 or Mathematics 305, and (2) at least one additional course in mathematics at the Grade II or Grade III level. Students are encouraged to complete the Grade II level requirements as early in the major as possible.

The computer science minor is recommended for students whose primary interests lie elsewhere, but who wish to obtain a fundamental understanding of computer science. The minor consists of Computer Science 111, 230, at least two units from 231, 235, or 240, and at least one Grade III level computer science course. This sequence is consistent with course work leading to a cognitive science major. Cognitive science majors may wish to consider a minor in computer science.

Students who expect to go on to do graduate work in computer science are encouraged to concentrate on developing their background in mathematics and are especially encouraged to elect one or more of Computer Science 305, 310 or Mathematics 305. In addition, students who are plan-

ning either graduate work or technical research work are further encouraged to obtain laboratory experience by electing one or more of Computer Science 301, 340, 350/360 or appropriate courses at MIT.

Economics

Professor: *Case, Goldman, Lindauer (Chair), Matthaei, Morrison^A, Witte^{A2}*

Associate Professor: *Andrews, Joyce^A, Nichols^A*

Visiting Associate Professor: *Daskin*

Assistant Professor: *Chang, Kiray, Levine, Skeath, Velenchik^A, Kauffman*

Instructor: *Doyle, Frank, Gordon*

101 (1) (2) Survey of Modern Economics— Microeconomics

102 (1) (2) Survey of Modern Economics— Macroeconomics

Each course, which may be taken independently and in either order, presents a view of our market economy, beginning with the nature of economics and economic systems, supply and demand analysis, and the development of economic thought. 101, microeconomics, is an analysis of the choices individuals and firms make in the markets where they buy and sell. It deals with questions of equity and efficiency. Policy problems include imposition of price floors and ceilings, income distribution, competition and its regulation, and the performance of particular markets (e.g., oil). 102, macroeconomics, is an analysis of the aggregate dimensions of the economy: GNP, national income and employment, price levels and inflation, money and banking, international trade and investment. Policy problems include the role of government, prosperity and depression, investment and economic growth, and worldwide economic development. *Open to all students.*

The Staff

201 (1) (2) Microeconomic Analysis

Intermediate microeconomic theory: analysis of the individual household, firm, industry and market, and the social implications of resource allocation choices. Emphasis on application of theoretical methodology. *Prerequisites: 101, 102 and Math 115.*

Mr. Case, Mr. Levine, Ms. Skeath

202 (1) (2) Macroeconomic Analysis

Intermediate macroeconomic theory: analysis of fluctuations in aggregate income and growth. Analysis of policies to control inflation and unemployment. *Prerequisites: 101, 102 and Math 115.*

Mr. Andrews, Ms. Chang, Ms. Kiray, Ms. Frank

204 (1) U.S. Economic History

Traces the structure and development of the U.S. economy from Colonial times to World War II; highlights historical episodes including agriculture, trade, technology, finance and labor. Specific topics include: the start of the nation, economics of slavery, the westward movement, economic consequences of the Civil War, and causes of the Great Depression. Emphasis on relating U.S. historical experience to current economic problems. *Prerequisites: 101 and 102.*

Mr. Kauffman

210 (1) Financial Markets

Overview of financial markets and institutions, including stock and bond markets, financial intermediaries, money markets, commercial banks and thrifts, monetary policy, foreign lending. *Prerequisite: 101 and 102.*

Ms. Frank

211 (1) (2) Statistics and Econometrics

Descriptive statistics and an introduction to statistical inference. Expected values, probability distributions, and tests of significance. Classical models of bivariate and multiple regression. Problem solving using the computer. *Prerequisite: 101 and 102, or for students who have completed one course and are taking the other, or with instructor's permission in certain cases.*

Mr. Case, Mr. Daskin, Ms. Gordon, Staff

214 (1) (2) International Economics

An introduction to international economics in theory and practice. Topics to be covered include the gains from trade, commercial policy, foreign exchange markets, balance of payments analysis, international capital flows, and international financial institutions. *Prerequisites: 101 and 102.*

Ms. Chang, Ms. Gordon, Staff

220 (2) Development Economics

Survey and analysis of problems and circumstances of less developed nations. Examination of theories of economic development. Review of policy options and prospects for Third World countries. Specific topics to include: population growth, income distribution, rural development, foreign aid, and international trade strategies. *Prerequisite: 101 and 102. Satisfies the multicultural requirement.*

Mr. Lindauer

225 (2) Urban Economics

Analyses of urban and suburban economies with particular reference to urban renewal, income distribution, transportation, housing markets, employment, and the economic development of the inner city. *Prerequisite: 101.*

Mr. Case

228 (2) Environmental and Resource Economics

An investigation of the economic aspects of resource and environmental issues. Includes discussion of renewable and non-renewable resources, waste management and recycling, global climate and pollution. Emphasis on using economic analysis to understand how and why resource use over time under unregulated market forces might differ from socially desirable use. Provides case studies and policy analysis. *Prerequisite: 101 and 102.*

Ms. Chang

229 (1) Women in the Labor Market

Analysis of the differences in the labor market experiences of men and women. Three major questions will be addressed: (1) Why do women earn less than men? (2) Why are men and women employed in different types of jobs? (3) What is comparable worth and what effects would it have on the labor market if introduced? *Prerequisite: 101 and 211 (Sociology 202 or a statistics course in another department can substitute for 211 upon permission of instructor).*

Mr. Levine

230 Contemporary Economic Issues

A course applying introductory micro and/or macroeconomic analysis to problems of current policy interest.

Health Economics

Analysis of resource allocation decisions in the provision of health care. Issues to be studied will include: health personnel training, regulation, and allocations; medical malpractice; health insurance markets; non-profit vs. for-profit hospitals; HMOs, PPOs, and IPAs; prospective payment systems and other cost containment initiatives; technology assessment; variations in medical practice; the social dilemmas of AIDS. *Prerequisite: 101. Not offered in 1993-94.*

234 (2) Government Policy: Its Effect on the Marketplace

The United States government imposes regulations on selected markets, restricts competition, corrects market failure, intervenes in the marketplace. These government actions in the American economy will be analyzed using microeconomic tools with primary emphasis on price, profit, quality, and safety regulation. Industry studies will provide a basis for empirical examination of the historical consequences of regulation and deregulation in selected markets. *Prerequisite: 101.*

Mr. Andrews

239, 240 Analysis of Foreign Economies

An economic study of a particular country or region of the world outside the United States. Combined emphasis on methodology, history, culture, current institutional structure, and economic problems.

239 The Political Economy of East Asian Development

Analysis of the relationship between political and economic development in China, Japan, Korea, and Taiwan. Special attention paid to the economic issues of land reform, industrialization, trade policy, foreign aid, and planning vs. the market; the political issues to be considered include ideology, authoritarianism, democratization and the role of the state. The course emphasizes the lessons for economic growth, social equality and political change provided by the East Asian experience. This is the same course as Political Science 239. Students may register for either Economics 239 or Political Science 239. Credit will be given in the department in which the student is registered. Enrollment requires registration in conference section (Economics 239C). *Prerequisite: Economics 101 or 102 or by permission of the instructors. Satisfies the multicultural requirement. Not offered in 1993-94.*

240 The Russian Economy

A look at the economy of prerevolutionary Russia, New Economic Program, Collectivization, and Five Year Plans. Why has central planning been counterproductive; why did Gorbachev's remedies not solve the problem? What are Yeltsin's chances of success? What does this experiment tell us about economic theory and why is the transition to the market so difficult? *Prerequisites: 101 and 102. Not offered in 1993-94. Offered in 1994-95.*

243 (1) Race and Gender in U.S. Economic History

Study of conservative, liberal and radical economic theories of gender and race inequality. Exploration of the interconnections between race-ethnicity, gender, and capitalist development in the U.S. Historical topics include Native American economies before and after the European invasion, the economics of slavery, European and Asian immigration, the colonization of Puerto Rico, the uneven entrance of women into the paid labor force, and the segmentation of labor markets by gender and race-ethnicity. *Prerequisite: 101.*

Ms. Matthaei

249 (2) Seminar. Political Economy

Study of radical political economists' critiques of U.S. capitalism, and their bases in Marxist, feminist, and anti-racist theories. Radical economists' analyses of the collapse of communism in the Soviet Union and Eastern Europe. Proposals for radical economic restructuring in the U.S., including market and participatory socialism. *Prerequisite: 101 or 102, or by permission of the instructor.*

Ms. Matthaei

301 (2) Comparative Economic Systems

Comparative study of the treatment of economic problems under different economic systems. Analyzes the economic ideology of capitalism, utopian writings, market socialism, workers' management, and Marxism. Functions of prices, profits, and planning in allocation of resources. Compares several capitalist and socialist countries including the U.S., China, and Russia. *Prerequisite: 201 or 202.*

Mr. Goldman

305 (1) Industrial Organization

A course in applied microeconomics, focusing on the performance of real world markets. Emphasis on the welfare costs of market power as well as public policy responses. Topics include analysis of imperfectly competitive markets (e.g., monopolistic competition, oligopoly, imperfect and asymmetric information), firm and industry strategic conduct, regulation, and antitrust policy attempts to improve industrial performance. *Prerequisites: 201 and 211.*

Ms. Skeath

310 (2) Public Finance

The role and function of government in a market economy. Issues in tax analysis including equity and efficiency, the effects of taxes on labor and capital supply, tax incidence and optimal taxation. Description and analysis of specific taxes and expenditure programs. *Prerequisite:* 201.

The Staff

313 (2) International Macroeconomics

Theory and policy of macroeconomic adjustment in the open economy. Topics to be covered include: the Keynesian model of income and balance of payments determination, the monetary approach to the balance of payments, fixed and floating exchange rate regimes, policy mix and effectiveness with capital mobility, and the asset-market approach to exchange rates. *Prerequisite:* 202.

Ms. Kiray

314 (2) International Trade Theory

Theoretical analysis of international trade. Emphasis on models of comparative advantage, determination of gains from trade and the effects of trade restrictions such as tariffs and quotas. Further topics include: the role of scale economies, the political economy of protectionism and strategic trade policy. *Prerequisite:* 201.

Ms. Skeath

315 (2) History of Economic Thought

Study of the history of economic theory over the last 250 years, through reading of the original texts. Focus on the development and interaction of two opposed views of the market economy—Classical/Marxian and Neo-classical. Analysis of the topics of scarcity, price determination, income distribution, monopoly, unemployment, economic freedom, sexual and racial inequality, and the environment. Student debates on selected issues and search for a middle ground. *Prerequisite:* 201 or 202.

Ms. Matthaei

316 Modern Economic History

Economic development and structural change from the Great Depression to the present. Economic policy in war and peace. International cooperation and division. Economic crises and economic theory. *Prerequisite:* 202. *Not offered in 1993-94.*

317 (1) Economic Modeling and Econometrics

Introduction to the theory and practice of econometrics. Includes techniques of model specification, estimation, and evaluation. Both cross-sectional and time series models are considered. Emphasis on both problem solving and the application of techniques to actual data. Computers will be utilized. *Prerequisite:* 211, and either 201 or 202, and one other economics course.

Ms. Witte

320 (1) Seminar. Economic Development

International and macroeconomic issues of the less developed countries. Topics covered include: theories of growth and development through import substitution and export promotion; the foreign exchange constraint, foreign investment and the debt problem; inflation, short-term stabilization policies and income distribution. *Prerequisite:* 201 or 202.

Ms. Kiray

325 (1) Law and Economics

Economic analysis of legal rules and institutions. Application of economic theory and empirical methods to the central institutions of the legal system including the common law doctrines of negligence, contract, and property as well as civil, criminal, administrative procedure and family law. The course will contrast economic and noneconomic theories of law and will address the strengths and limitations of the economic approach to law. *Prerequisite:* 201.

Ms. Witte

329 (2) Labor Economics

Inquiry into the determinants of the supply of labor, the demand for labor, unemployment, and wage differentials across workers. Specific topics include an analysis of the wage gap between men and women, the effects of immigration on the U.S. labor market, the effects of labor unions. Recent applied economic research on these and other topics will be introduced. *Prerequisite:* 201 and 211.

Mr. Levine

330 Advanced Topics in Economics

Current issues within the discipline of economics. Emphasis on developing appropriate methodology for specific economic questions and on student use of that methodology.

Topic A (1): Finance Theory and Applications

An introduction to the theory and practice of financial economics, using the techniques of modern finance to solve real-world problems. Topics include principles of valuation, fixed income securities, equity securities, the capital asset pricing model, capital budgeting, market efficiency, the term structure of interest rates, and option pricing. *Prerequisites: 201 and 211.*

Mr. Daskin

Topic B: The Wealth of Nations

An introduction to economic growth. The study of economic growth and policies to promote long term growth in market economies. Two central questions: (1) How have economists conceived of the process of economic growth? and (2) How are the visions of economists translated into actual policymaking? We will take a guided tour through various theories, as well as study the role of institutional structure and state policy in shaping the economic growth of the U.S., Japan, Brazil, and some Western European countries. *Prerequisites: 201 and 202. Not offered in 1993-94.*

331 Seminar. Monetary Theory and Policy

The formulation of monetary policy and its theoretical foundations. This includes discussion of the latest developments in monetary theory, monetary autonomy in an open economy, the money supply process, and current procedures in the U.S. and other nations. *Prerequisite: 202 and 211. Not offered in 1993-94.*

340 Advanced Analysis of Foreign Economies

Analysis of a particular country or region of the world outside the United States. Combined emphasis on methodology, history, culture, current institutional structure and economic problems.

Topic A: Seminar. The New Europe: 1992 and Beyond

Analysis of full economic integration within the European Community. Implications of 1992 EC reforms for the international economy. Topics include factor flows, monetary unification, regional variation, and extra-Community relations. *Prerequisites: 201, 202, and 211. Not offered in 1993-94.*

Topic B: Seminar. The Economies of Africa

This course will combine lectures and discussions of general themes with student research and presentations on specific countries in comparing and

contrasting the economic experience of the nations of sub-Saharan Africa. Topics include: the economic impact of colonialism, land tenure institutions and agricultural production, food policy, primary product exports, migration and urbanization, and industrialization. *Prerequisites: 201 and 211. Not offered in 1993-94.*

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors who have taken 201 and 202; 211 is strongly recommended. 350 students will be expected to participate in the Economic Research Seminar (see 360).

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. Students writing a senior honors thesis will be expected to participate regularly throughout the 360 and 370 in the Economic Research Seminar. This weekly seminar provides a forum for students conducting independent research to present their work to fellow students and faculty.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Directions for Election

Economics is the study of the universal problems of scarcity, choice, and human behavior. It contains elements of formal theory, history, philosophy, and mathematics. Unlike business administration, which deals with specific procedures by which business enterprises are managed, it examines a broad range of institutions and focuses on their interactions within a structured analytical framework.

The complete survey course consists of both Grade I level courses. Neither 101 nor 102 is a prerequisite for the other and either may be elected separately for one unit of credit. Any student who plans to take economics after 101 and 102 should consult a department advisor.

An economics major must include 101, 102, 201, 202, 211, two Grade III courses, and at least one other course. The department encourages students to take more than two Grade III courses. 201, 202, and 211 should ordinarily be taken at Wellesley; permission to take these courses elsewhere must be obtained in advance from the department's Transfer Credit Advisor. Also, an economics major must take more than half of her Grade III economics units at Wellesley; permission for an exception must be obtained in advance from the Chair.

Choosing courses to complete the major requires careful thought. All majors should choose an advisor and consult him/her regularly. Students are also advised to consult the Department Handbook, which deals with a variety of topics including preparation in mathematics, desirable courses for those interested in graduate study in economics, and complementary courses outside economics. Calculus, along with a few other mathematical tools, is central to the discipline and literature of mainstream economics. We therefore require Math 115 or equivalent for all 201 and 202 sections, and thus for the major in economics. We encourage students to consult a departmental advisor about whether more mathematics courses might be desirable.

The economics minor is recommended for students wishing to develop competence in economics in preparation for work or graduate study in law, business, public administration, area studies, international relations, public health, etc. The minor consists of: 101, 102 and 211, plus 2 additional 200 level units, excluding 201 and 202. The plan for this option should be carefully prepared; a student wishing to add the economics minor to the major in another field should consult a faculty advisor in economics.

Students are urged to supplement their program in economics with courses from many other disciplines in the liberal arts, especially history, sociology, and political science.

Education

Professor: *Brenzel (Chair)*

Assistant Professor: *Beatty, Hawes*

Associate in Education: *Akeson, Avots, Balicki, Beevers, Campbell, Dawson, DeLetis, Grodberg, Hayes, McCowan, Mongiello, Nutting, O'Malley, Robinson, Simms-Tyson, Spicer, Whitbeck*

102/ Writing 125D (1) (B¹) Education in Philosophical Perspective

Reflective and analytical inquiry into ideas and problems of education. Topics include: learning and teaching, educational aims and values, curriculum and culture, schooling and society. Readings both classical (e.g. Plato, Dewey, DuBois) and contemporary. Open to all first-year students, this course both satisfies the Writing 125 requirement and counts as a unit for the Group B distribution requirement and the Education minor. Includes a third session each week.

Mr. Hawes

102M (2) (B¹) Education in Philosophical Perspective

Reflective and analytical inquiry into ideas and problems of: learning and teaching, educational aims and values, curriculum and culture, schooling and society. Readings both classical (e.g. Plato, Dewey, DuBois) and contemporary. Relevant field placement may be arranged as part of this course; it will be available for all students but especially for those wishing to fulfill requirements for teacher certification. *Open to all students. Taught at M.I.T.*

Mr. Hawes

212 (1) (B¹) History of American Education

Study of the various historical conflicts and controversies leading to the development of education as a central force in American culture. Topics include the popularization of educational institutions, their role in socializing and stratifying the young, and, generally, the effects of political, economic, and social forces in shaping American education. Emphasis will be placed on examining its frequently conflicting policies and purposes, especially in the late nineteenth and twentieth centuries. *Open to all students.*

Ms. Brenzel

214 (2) (B¹⁻²) Youth, Culture, and Student Activism in Twentieth-Century America

Traditionally, educational institutions have separated youth from the larger society. At the same time, schools have been the seedbeds of youth unrest and student activism. The political activities of student groups will be studied in light of changing definitions of youth, their schooling, and dissent. We will address the relationship between society's efforts to educate the young and student activism among youth in schools as well as among "drop outs" and other disaffiliated groups. *Open to all students.*

Ms. Brenzel

216 (2) (B²) Education, Society, and Social Policy

An examination and analysis of educational policies in a social context. The justification, formulation, implementation, and evaluation of these policies will be studied with emphasis on issues such as inequality; desegregation; tracking; parental choice; and bilingual, special, and pre-school education. Relevant field placement may be arranged as part of this course; for students wishing to fulfill requirements for teacher certification. *Open to all students.*

Ms. Beatty

220 (1) (2) Observation and Fieldwork

Observation and fieldwork in educational settings. This course may serve to complete the requirement of at least three documented introductory field experiences of satisfactory quality and duration necessary for teacher certification. Arrangements may be made for observation and tutoring in various types of educational programs; at least one urban field experience is required. *Open only to students who plan to student teach and by permission of the instructor. Prerequisite: 300. Mandatory credit/noncredit.*

Mr. Hawes

300 (1) Educational Theory, Curriculum, Evaluation, and Instruction

An examination of the major theories underlying what is taught in schools. The course focuses on the relation of curriculum to intellectual development, and learning, as well as on curriculum development, instruction, testing, and evaluation. Special additional laboratory periods for teaching presentations will be scheduled. An accompanying field placement is required for teacher certification. *By permission only. Students must apply for admission by April 1st.*

Required for teacher certification. Prerequisite: 102, 212 or 216.

Ms. Beatty

302 (2) Seminar. Methods and Materials of Teaching

Study and observation of teaching techniques, the role of the teacher, classroom interaction, and individual and group learning. Examination of curriculum materials and classroom practice in specific teaching fields. *Open only to students doing student teaching. Required for teacher certification. Prerequisite: 300 and at least one of 102, 212, or 216, and by permission of the department.*

Ms. Beatty, Mr. Hawes

303 (2) Practicum—Curriculum and Supervised Teaching

Observation, supervised teaching, and curriculum development in students' teaching fields throughout the semester. Attendance at appropriate school placement required full time five days a week. *Required for teacher certification. Students must apply to the department for admission to this course in the semester before it is taken. Corequisite: 302.*

Ms. Beatty, Mr. Hawes, and Staff

304 (1) (2) Curriculum and Instruction in Elementary Education

Study of instructional methods and curriculum materials used in elementary school classrooms, focusing on the teaching of mathematics, reading, literature, science, and social studies. Taught by a team of experienced teachers, this special thirteen-week course spans the second half of first semester and the first half of second semester. *By permission only. Students must apply for admission by April 1st. Required for elementary teacher certification. Corequisite: ED300.*

Ms. Beatty, Balicki, Campbell, Dawson, Mongiello, Nutting, O'Malley, Robinson, Simms-Tyson, and Mr. Spicer

306 (1) (B¹⁻²) Seminar. Women, Education, and Work

Examination of ways in which the background of women and the structure of society and work affect the lives of women, from a historical, sociological, and public policy point of view. We will study the relationships between societal institutions and the intersections among women's lives, the family, education, and work. *Not offered in 1993-94. Offered in 1994-95.*

Ms. Brenzel

308 (1) Seminar. Foreign Language Methodology

A course in the pedagogical methods of foreign languages intended to apply to any foreign language; emphasizes the interdependence of the four language skills—listening, speaking, reading, writing; introduces students to a theoretical study of linguistic and psychological issues necessary to evaluate new ways of presenting language material. This seminar will focus on selected texts and readings on the methodology of foreign-language teaching. *By permission of instructor. Not offered in 1993-94.*

Ms. Renjilian-Burgy

312 (1) (B¹) Seminar. History of Child Rearing and the Family

Examination of the American family and the emerging role of the state in assuming responsibility for child rearing and education. Study of the role of institutions and social policy in historical and contemporary attempts to shape the lives of children and families of differing social, economic, racial, and ethnic backgrounds. *Open to juniors and seniors without prerequisite. Offered in 1993-94. Not offered in 1994-95.*

Ms. Brenzel

350 (1) (2) Research or Individual Study 1 or 2
Open to juniors and seniors by permission.

Cross-Listed Courses

For Credit

Psychology 207 (1) (2)
Developmental Psychology

Psychology 208 (2)
Adolescence

Psychology 248 (1)
Psychology of Teaching, Learning, and Motivation

Directions for Election

With the exception of Education 300, 302, 303, and 304 the department's courses are designed for all students and not simply those planning a career in public or private school teaching. Students who wish to be certified as high school (grades 9-12) or elementary (grades 1-6) teachers should obtain the department's published description of the requirements of the Common-

wealth of Massachusetts and the College's program for meeting those requirements. Generally, the program requires students to take specific courses within their teaching fields (or, for elementary education, in psychology and education, including a course on the teaching of reading at Brandeis University), and five or six courses (two of which are the student teaching practicum and accompanying seminar, Education 303 and 302).

Required:

Education 102 or 212 or 216; 300, 302 and 303; Psychology 207 or 208 or MIT 9.85; and, for Elementary Education only, ED304 Curriculum and Instruction in Elementary Education and ED107A Teaching of Elementary Reading (offered at Brandeis University).

In addition, teacher certification requires that three courses taken prior to student teaching include field experience. The department has arranged field experiences that students may take in conjunction with three groups of courses: Education 102 or 212 or 216; Psychology 207 or 208 or MIT 9.85; and Education 300. Students enrolled in ED303 Practicum may register for Education 220, but are not required to do so. In some circumstances, students may meet some of the requirements by submitting evidence of independent field experience. Students should plan their program of studies to fulfill these requirements in consultation with a member of the department as early as possible.

Certification in Massachusetts is recognized by many other states.

A minor for students seeking teacher certification (5 or 6 units) consists of: (A) 102 or 212 or 216; (B) Psychology 207 or 208 or MIT 9.85 with permission of the department, and (C) 300, 302, and 303. For students seeking elementary certification ED304 is also required. A minor for students in educational studies consists of five courses chosen from: 102, 212, 214, 216, 306, and 312. Psychology 207, 208, or 248 may be substituted for one of these courses, and at least one 300 level course must be included.

For admission to ED300, ED302, ED303, and ED304, students must apply and be formally admitted to the teacher certification program. Applications are available in the Education Department.

English

Professor: *Garis, Finkelpearl, Bidart, Sabin, Cain, Harman, Peltason (Chair)*

Associate Professor: *Tyler, Rosenwald, Lynch^A, Shetley*

Assistant Professor: *Sides, Levine, Reinert, Webb, Meyer, Brogan Spring^A, Cezair-Thompson^A, Mikalachki^A, Cooper, Hickey, Cohen*

Lecturer: *Stubbs^A*

112 (2) Introduction to Shakespeare

The study of a number of representative plays with emphasis on their dramatic and poetic aspects. *Open to all students. Especially recommended to nonmajors.*

Ms. Hickey

113 (2) Reading Fiction

An introduction to the critical reading of novels and short stories. Readings will include both English and American texts as well as some works in translation. *Open to all students. Especially recommended to nonmajors.*

Ms. Cohen

114 (1) Race, Class, and Gender in Literature

Topic for 1993-94: Writing from Inside vs. Writing from Outside. A comparison of insider and outsider portrayals of certain groups, among them Native Americans, African Americans, Jews, women, and the poor. Readings will be mostly drawn from American literature and will probably include work by James Fenimore Cooper, Leslie Marmon Silko, Gertrude Stein, Toni Morrison, James Agee, John Updike, and Cynthia Ozick. *Open to all students. Especially recommended to nonmajors. Satisfies the multicultural requirement.*

Mr. Rosenwald

120 (1) (2) Critical Interpretation

A course designed to increase power and skill in critical interpretation by the detailed reading of poems. In 1993-94 four sections of Writing 125 also satisfy the English 120 requirement. For a description of these sections, see The Writing Program in this catalog. *Open to all students, but primarily designed for, and required of, English majors. Ordinarily taken in first or sophomore year.*

The Staff

125 (1) (2)

This course satisfies the college-wide writing requirement. In 1993-94 four sections of Writing 125 also satisfy the English 120 requirement. For a description of these and of other sections taught by members of the English Department, see The Writing Program in this catalog. Students interested in participating as tutors or tutees in a special tutorial section of 125 should see Ms. Wood or their class dean.

200 (1) (2) Intermediate Expository Writing

Practice in writing and revising expository essays. Frequent class discussion of work in progress, emphasizing the process of developing ideas and refining them in words on paper. Assigned readings, fiction and non-fiction, provide texts for a variety of writing assignments. May be elected by transfer and Davis Scholars to satisfy the writing requirement.

Mr. Cain, Ms. Sides

202 (1) Poetry

The writing of short lyrics and the study of the art and craft of poetry. *Open to all students; enrollment limited to 18. Mandatory credit/non credit.*

Mr. Bidart

203 (1) (2) Short Narrative

The writing of the short story; frequent class discussion of student writing, with some reference to established examples of the genre. *Open to all students; enrollment limited to 18. Mandatory credit/not credit.*

Ms. Sides section. Ms. Sides, Ms. Levine

211 Medieval Literature

Medieval English literature, focusing on the major literary forms of the late medieval period. A study of allegory and romance narrative, poetic conventions like the dream, and the influence of changing social conditions and a changing idiom on poetic practice. Works will include, for example, *Sir Gawain and the Green Knight*, *The Lover's Confession*, *Piers Plowman*, and selected secular and religious lyrics. *Open to all students. Not offered in 1993-94.*

213 (2) Chaucer

A study of *The Book of the Duchess* and many of *The Canterbury Tales*. *Open to all students.*

Mr. Finkelpearl

216 (1) English Survey

This course examines high medieval and Renaissance literature; it also serves as the first half of a two-semester study of English literature from the middle ages to the 20th-century. Emphasis on discussion, the development of critical skills, and a sense of historical periods and influences. *Students who take both semesters of English 216 satisfy the English 120 requirement. Semester II will not be offered in 1993-94, but will be offered in 1994-95.*

Ms. Webb

222 (1) Renaissance Literature

A study of two great Elizabethan writers, Spenser and Marlowe, and two great Jacobean writers, Jonson and Donne.

Mr. Finkelpearl

223 (1) Shakespeare Part I: The Elizabethan Period

Plays written between 1591 and 1603, for example: *Richard II*, *Henry IV*, *A Midsummer Night's Dream*, *Twelfth Night*, *Julius Caesar*, *Hamlet*, *Troilus and Cressida*. *Prerequisite: 120.*

Mrs. Sabin, Ms. Levine

224 (2) Shakespeare Part II: The Jacobean Period

Plays written between 1603 and 1611, for example: *Othello*, *King Lear*, *Macbeth*, *Antony and Cleopatra*, *The Winter's Tale*, *The Tempest*. *Prerequisite: 120.*

Mr. Finkelpearl, Mr. Garis

225 Seventeenth-Century Literature

Major themes and structures in the poetry and prose of Bacon, Jonson, Donne, Herbert, Browne, Bunyan, Marvell. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

227 (2) Milton

A study of Milton's English poetry and selected prose, along with the great critical controversies about him. *Open to all students.*

Mr. Tyler

234 Eighteenth-Century Literature

A study of a number of great characteristic texts of the period, investigating especially the establishment of formative social and natural orders in the language of these texts, and also the impulse to subvert, deny, or disintegrate these orders.

Texts from the poetry, prose, or plays of such writers as Locke, Congreve, Dryden, Pope, Swift, Johnson, Goldsmith, Burke, Gibbon, Blake, and Cowper. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

241 (2) Romantic Poetry

Study of a selection of poems, and some prose, by the chief Romantic poets: Blake, Wordsworth, Coleridge, Shelley, Byron, and Keats. *Open to all students.*

Ms. Hickey

245 (1) Victorian Literature

Poetry, fiction, and social criticism by major Victorian writers, including Mill, Carlyle, Dickens, Tennyson, Browning, Ruskin, and Arnold. *Open to all students.*

Mr. Peltason

251 (2) Modern Poetry

Twentieth-century poetry, emphasizing the sources and achievements of the various modernist movements. Poets to be studied may include Eliot, Stevens, Frost, Hughes, Moore, Bishop, and Lowell. *Open to all students.*

Mr. Bidart

255 (2) Modern British Literature

A survey of 20th-century British literature of all genres, focusing especially on later material. Writers to be studied may include Shaw, Orwell, Auden, Thomas, Beckett, Hughes, Spark, Amis, Stoppard, Larkin, Heaney, Carter, Winterson. *Open to all students.*

Ms. Webb

261 (2) The Beginnings of American Literature

A study of how American literature and the idea of America came into being, looking at literary texts in their social, historical, and intellectual contexts. Major authors: Rowlandson, Edwards, Franklin, Rowson, Irving, Cooper, Poe. *Open to all students.*

Mr. Rosenwald

262 (1) The American Renaissance

A study of the first great flowering of American literature, paying close attention to the central texts in themselves and in their relations with one another. Major authors: Emerson, Thoreau, Hawthorne, Melville, Whitman, Dickinson, Stowe, Douglass. *Open to all students.*

Mr. Cain

266 (1) (2) Early Modern American Literature

Study of major American writers from the Civil War to the 1920's. Twain, Crane, James, Dreiser, Wharton, Hemingway, Faulkner, Kate Chopin, Charlotte Perkins Gilman, Charles Chesnutt, Anzia Yezierska, Fitzgerald. *Open to all students.*

Ms. Meyer, Mr. Cain

267 (1) (2) Late Modern and Contemporary American Literature

American poetry and prose from World War II to the present. Among the writers likely to be studied are Mailer, Morrison, Baldwin, Pynchon, Styron, Lowell, Bellow, Bishop, Nabokov, Ellison, Alice Walker, and others. *Open to all students.*

Mr. Shetley, Mr. Peltason

(1) Special topic section: Literature of the White South

An examination of the relations between the artist as "artist" and the artist as "oppressor," through readings of novels, poems, stories, diaries, letters, speeches, histories, hymns, and essays from and about the supposed ruling class of the Southern nation. Texts will be drawn from William Faulkner, William Alexander Percy, John Crowe Ransom, Allen Tate, Robert Penn Warren, Flannery O'Connor, Eudora Welty, Walker Percy, and J.K. Toole, with reference to earlier figures like Mary Chesnut and George Washington Cable. *Open to all students.*

Mr. Tyler

271 (2) The Rise of the Novel

The 18th-century English novel. Writers likely to be studied include: Defoe, Richardson, Fielding, Sterne, Jane Austen. *Open to all students.*

Mr. Reimert

272 (1) (2) The Victorian Novel

Writers likely to be studied include Mary Shelley, Charlotte Brontë, Emily Brontë, Charles Dickens, George Eliot, Elizabeth Gaskell, Wilkie Collins, George Gissing, Thomas Hardy, Henry James. *Open to all students.*

Mrs. Sabin, Ms. Harman, Ms. Meyer

273 (1) The Modern British Novel

Writers likely to be studied include H.G. Wells, E.M. Forster, D.H. Lawrence, James Joyce, Virginia Woolf, Jean Rhys, Doris Lessing. *Open to all students.*

Ms. Harman

301 (2) Advanced Writing/Fiction

Techniques of short story writing together with practice in critical evaluation of student work. *Prerequisite: 203 or permission of the instructor.*

Ms. Sides

302 (2) Advanced Writing/Poetry

Intensive practice in the writing of poetry. *Prerequisite: 202 or permission of the instructor.*

Mr. Bidart

315 Advanced Studies in Medieval Literature

Prerequisite: same as for 320. Not offered in 1993-94.

320 (1) (2) Literary Cross-Currents

a. (1) Topic for 1993-94: "Apostolary" Narratives. An examination of texts in which the narrator figures himself as a minor character in the story of a more interesting protagonist. An exploration of the narrative theory, rhetoric, epistemology, and "erotics of discipleship" in the apostolary texts. Authors may include: Plato, Boswell, E. Brontë, Carlyle, Conan Doyle, James, Conrad, Ford, Stein, Fitzgerald, Cather, Kerouac, Nabokov, Morrison. *Open to juniors and seniors who have taken two literature courses in the department, at least one of which must be Grade II, and by permission of the instructor to other qualified students.*

Mr. Cooper

b. (2) Topic for 1993-94: Readings in Renaissance Witchcraft and the Rhetoric of Magic. Why do treatises on witchcraft during the Renaissance claim that 19 out of every 20 witches are women? Why is so much of the literature on the subject about rape or abduction? In what way does the rhetoric of witchcraft provide a way of talking about other subjects? Possible readings include texts by Shakespeare, Jonson, Ford, Marlowe and others; excerpts from the Bible, church fathers, and treatises; visual representations by Durer and Hans Baldung Grien. *Open to juniors and seniors who have taken two literature courses in the department, at least one of which must be Grade II, and by permission of the instructor to other qualified students.*

Ms. Levine

324 (1) Advanced Studies in Shakespeare

Topic for 1993-94: The Romances. A study of *Pericles*, *Cymbeline*, *The Winter's Tale*, and *The Tempest*. *Prerequisite: same as for 320.*

Mr. Finkelparl

325 Advanced Studies in Sixteenth- and Seventeenth-Century Literature

Prerequisite: same as for 320. Not offered in 1993-94.

335 (1) Advanced Studies in Restoration and Eighteenth-Century Literature

Topic for 1993-94: Glamour and Sentiment in 18th-century English Theater. A survey of major English plays of the late 1600s and the 1700s, and of the shifting gender roles they reflect: the witty, bawdy sexual farces of the Restoration era; the domestic dramas of the early 18th-century; the comedies of Goldsmith and Sheridan. Contemporary theater commentary, and some screenings of BBC productions of the plays. *Prerequisite: same as for 320.*

Mr. Reinert

345 (2) Advanced Studies in Nineteenth-Century Literature

Topic for 1993-94: Charles Dickens and George Gissing. A study of two important and prolific "social" novelists who frame the Victorian Age. A comparison of their spectacularly different lives and careers, their common and divergent representations of the degradations of poverty, life in the industrial city, social institutions, women's roles in a changing society, and what constitutes and shapes "character." Early and late works by both authors may include Dickens's *Pickwick Papers*, *Oliver Twist*, *Dombey and Son*, *Bleak House*; Gissing's *Born in Exile*, *New Grub Street*, *The Odd Women*, *The Whirlpool*. *Prerequisite: same as for 320.*

Ms. Harman

350 (1) (2) Research or Individual Study 1 or 2

Open to qualified students by permission of the instructor and the chair of the department. Two or more Grade II or Grade III units in the department are ordinarily a prerequisite. Students of at least B+ standing in the work of the department shall have first consideration.

355 (2) Advanced Studies in Twentieth-Century Literature

Topic for 1993-94: Joyce and Lawrence. Contrasts and comparisons between two major innovators in modern fiction, studied through reading of short stories, selected major novels, and some biographical and critical writings. Central focus on *Ulysses*. *Prerequisite: same as for 320.*

Mrs. Sabin

360 (1) (2) Senior Thesis Research 1 or 2

By permission of the Chair. See p. 65, Departmental Honors.

363 (2) Advanced Studies in American Literature

Topic for 1993-94: The Idea of Reform: Emerson, Hawthorne, Henry James. Study of three major writers of the 19th-century, their relationships with and influences upon one another, with special attention to their writings about—and ambivalent response to—social change and reform. *Prerequisite: same as for 320.*

Mr. Cain

364 (1) Race and Ethnicity in American Literature

Topic for 1993-94: American Babel. An investigation of some scenes in American writing that depict encounters between languages, between dialects, and between cultures. Readings will include work by James Fenimore Cooper, Mark Twain, Henry James, Kate Chopin, Zora Neale Hurston, Cynthia Ozick, and Richard Rodriguez. *Prerequisite: same as for 320. This course has been designated a seminar for 1993-94. Enrollment is limited to 15. Satisfies the multi-cultural requirement.*

Mr. Rosenwald

370 (1) (2) Senior Thesis

Prerequisite: 360.

382 (1) Criticism

A survey of major developments in literary theory and criticism since the 1930's. Discussion will focus on important new perspectives—including deconstruction, Marxism, and Feminism—and crucial individual theorists—including Empson, Derrida, Lukacs, de Man, and Cixous. *Prerequisite: same as for 320.*

Mr. Tyler

383 (1) Women In Literature, Culture, and Society

Topic for 1993-94: Rewriting the Self: Fictions of Female Identity. We shall explore the evolution of self-definition in 20th-century British fictions by women about women's lives, examining their subversion of traditional female plots. Authors to be studied may include Mansfield, Woolf, Drabble, Rhys, Stead, Lessing, Byatt, Carter, Winterson. *Prerequisite: same as for 320.*

Ms. Webb

384 Literature and Empire

Prerequisite: same as for 320. Not offered in 1993-94.

385 (1) Advanced Studies in a Genre

Topic for 1993-94: Interpreting Lyric: Theory and Practice. In this course we'll ponder the question of what constitutes "lyric," or "the lyrical," by reading a wide range of poems from several periods, as well as central texts by theorists of lyric. *Prerequisite: same as for 320.*

Ms. Hickey

387 (2) Authors

a. Topic for 1993-94: Walt Whitman and Emily Dickinson. Close study of the two leading poets of 19th-century America. Discussion will focus on the intellectual and historical contexts of their work, while at the same time acknowledging the strikingly "modern" nature of their formal innovations. *Prerequisite: same as for 320. This course has been designated a seminar for 1993-94. Enrollment is limited to 15.*

Mr. Shetley

b. Topic for 1993-94: Edith Wharton and F. Scott Fitzgerald. Close reading of the fiction of these two early 20th-century American writers, both of whom write extensively about the American upper class. Particular attention to issues of class and gender in the novels. *Prerequisite: same as for 320.*

Ms. Meyer

Cross-Listed Courses

For Credit

Africana Studies 150 b (A)

Black Autobiography. *Not offered in 1993-94.*

Africana Studies 150 e (A)

The Harlem Renaissance. *Not offered in 1993-94.*

Africana Studies 201 (A)

The Afro-American Literary Tradition. *Not offered in 1993-94.*

Africana Studies 211 (1) (A)

Introduction to African Literature

Africana Studies 212 (2) (A)

Black Women Writers

Africana Studies 234 (A)

Introduction to West Indian Literature. *Not offered in 1993-94.*

Africana Studies 266 (A)

Black Drama. *Not offered in 1993-94.*

Africana Studies 310 (A)

Seminar. Black Literature. *Not offered in 1993-94.*

Africana Studies 335 (2) (A)

Women Writers of the English-Speaking Caribbean

American Studies 101 (1)

Introduction to American Studies

Classical Civilization 104 (1)

Classical Mythology (*credit may be given toward the major for members of class of '96 and subsequent classes, and for Davis Scholars entering the College in September 1992 or later; see Directions for Election*)

Classical Civilization 310 (2)

Greek Drama in Translation (*see Directions for Election: credit may be given toward the major for members of class of '96 and subsequent classes, and for Davis Scholars entering the College in September 1992 or later; this course does not count toward the 300-level literature requirement in English*)

Extrdepartmental 200

Classic Western Texts in Contemporary Perspective. *Not offered in 1993-94.*

Extrdepartmental 231 (1)

Interpretation and Judgement of Films

Extrdepartmental 232 (2)

New Literatures: Lesbian and Gay Writing in America

Italian 263 (1)

Dante (in English) (*credit may be given toward the major for members of class of '96 and subsequent classes, and for Davis Scholars entering the College in September 1992 or later; see Directions for Election*)

Women's Studies 305 (1)

Seminar. Topics in Gender, Ethnicity and Race
Topic for 1993-94: Self-Representations in U.S.
Third World Feminisms. (*credit may be given
toward the major, but not toward the 300-level
literature requirement*)

Directions for Election

Grade I literature courses are open to all students and presume no previous college experience in literary study. They provide good introductions to such study because of their subject matter or their focus on the skills of critical reading. Critical Interpretation (English 120) is open to all students, but is primarily designed as a requirement for English majors. The course trains students in the skills of critical reading and writing. Grade II courses, also open to all students, presume some competence in these skills. They treat major writers and historical periods, and provide training in making comparisons and connections among different works, writers, and ideas. Grade III courses encourage both students and teachers to pursue their special interests. They presume a greater overall competence, together with some previous experience in the study of major writers, periods, and ideas in English or American literature. They are open to all those who have taken two literature courses in the department, at least one of which must be Grade II, and by permission of the instructor or chair to other qualified students. For admission to seminars and for independent work (350), students of at least B+ standing in the work of the department will have first consideration. Students are encouraged to confer with the instructors of courses in which they are interested. Students should consult the more complete descriptions of all courses, composed by their instructors, posted on bulletin boards in Founders Hall, and available from the department secretary.

The English Department does not grant credit towards the major for AP courses taken in high school. First year students contemplating further study in English are encouraged to consult the Department Chair or the advisor for first year students in relation to their course selection. Students majoring in English should discuss their programs with their major advisors, and should consult with them about any changes they wish to make in the course of their junior and senior years.

For the Classes of '94 and '95: The English major consists of a minimum of eight courses, six of which must be in literature (i.e. not in creative writing). At least six courses must be above Grade I, and of these at least two must be Grade III literature courses. At least six of the courses for the major must be taken in the Department, including the two required Grade III courses.

For the class of '96 and subsequent classes, and for Davis Scholars entering the college in September 1992 or later, the English major consists of a minimum of ten courses, eight of which must be in literature. At least seven courses must be above Grade I, and of these at least two must be Grade III literature courses. At least six of the courses for the major must be taken at Wellesley, including the two required Grade III courses.

Neither Writing 125 nor English 200 may be counted toward the major—except that courses designated 125/120 do satisfy the English 120 requirement as well as the Writing 125 requirement and will count as a unit toward the fulfillment of the major. Independent work (350, 360 or 370) does not count toward the minimum requirement of two Grade III courses for the major.

All students majoring in English must take Critical Interpretation (English 120), at least one course in Shakespeare (Grade II), and two courses focused on literature written before 1900, of which at least one must focus on writing before 1800.

Cross-listed courses may not be used to satisfy any of the above distribution requirements, with the exception of Medieval-Renaissance 247, which does satisfy the pre-1800 requirement for members of the classes of '94 and '95. English 112, English 223 and English 224 do not satisfy the pre-1800 distribution requirement. The two required Grade III courses must be in literature. Transfer students or Davis Scholars who have had work equivalent to 120 at another institution may apply to the chair for exemption from the Critical Interpretation requirement.

A minor in English consists of 5 units: (A) 120 and (B) at least 1 unit on literature written before 1900 and (C) at least one Grade III unit, excluding 350 and (D) at least 4 units, including the Grade III course, taken in the Department; a maximum of 2 creative writing units may be included.

The department offers a choice of three programs for Honors. Under Program I the honors candidate does two units of independent research culminating in a thesis or a project in creative writing. Programs II and III offer an

opportunity to receive Honors on the basis of work done for regular courses; these programs carry no additional course credit. A candidate electing Program II takes a written examination in a field defined by several of her related courses (e.g., the Renaissance, drama, criticism). One electing Program III presents a dossier of essays written for several courses with a statement of connections among them and critical questions raised by them. Applicants for honors should have a minimum 3.5 GPA in the major (in courses above Grade I) and must apply to the Chair for admission to the program. A detailed description of the department's application procedure is available from the department secretary.

Special attention is called to the range of courses in writing offered by the College. Writing 125 is open to all students who want to improve their skills in writing expository essays. Writing 125X is open, with the permission of the instructor, to students who would benefit from a continuation of Writing 125 or from an individual tutorial. English 200 is made possible through an endowed fund given by Luther I. Replogle in memory of his wife, Elizabeth McIlvaine Replogle. It is a workshop designed for students who want training in expository writing on a level above that of Writing 125, and it satisfies the writing requirement for transfer students and Davis Scholars. Courses in the writing of poetry and fiction (Grades II and III) are planned as workshops with small group meetings and frequent individual conferences. In addition, qualified students may apply for one or two units of Independent Study (350) in writing. Grade II and Grade III courses in writing, and 350 writing projects as well, may at the discretion of the instructor be offered credit/noncredit/credit-with-distinction.

Knowledge of English and American history, of the course of European thought, of theatre studies, and of at least one foreign literature at an advanced level is of great value to the student of English.

Students expecting to do graduate work in English should ordinarily plan to acquire a reading knowledge of two foreign languages. They should also consult with the department's Graduate School Advisor, and with their departmental advisor, about courses that are appropriate for those considering graduate work in English.

Teacher Certification: Students interested in obtaining certification to teach English in the Commonwealth of Massachusetts should consult with the Chair of the English Department and the Chair of the Department of Education.

Extrdepartmental

The following section includes several separate courses of interest to students in various disciplines.

121 (2) Into the Ocean World: Marine Studies Seminar

This course is an introduction to oceanography, with a focus on the ocean as a global habitat. Students will learn the basics of physical, chemical, biological and geological oceanography. The class will explore practical applications of oceanographic science to the concerns of different societies ranging from Massachusetts to the Third World. Offered by the Massachusetts Bay Marine Studies Consortium. *No prerequisites. Open to students by permission of the Consortium representative, Harold Andrews, Geology Department.*

123 (2) Water: Planning for the Future

A comprehensive introduction to the legal, biological and natural resource management aspects of water and water policy, including watershed management, groundwater protection, waste water treatment, and water pollution. The course will also examine how these issues interact in the crowded environment of the Massachusetts coast. Offered by the Massachusetts Bay Marine Studies Consortium. *No prerequisites. Open to students by permission of the Consortium representative, Harold Andrews, Geology Department.*

124 (2) Marine Mammals: Biology and Conservation

This course explores the biology and natural history of marine mammals of the North Atlantic. Students will study a variety of species, including whales, dolphins, and seals. Topics include evolution, anatomy, behavior, field identification, the history of whaling, and contemporary whaling issues. Activities will include laboratory work and field trips on Massachusetts Bay. Offered by the Massachusetts Bay Marine Studies Consortium. *Open to students by permission of the Consortium representative, Harold Andrews, Geology Department. Prerequisite: college-level biology.*

126 (2) The Maritime History of New England

This class examines the many ways the sea has shaped our New England history, from the earliest Native American fisheries to the modern shipping industry. Course themes will include histor-

ical, political and economic developments. Students will study the historical insights gleaned from shipwrecks and time capsules. Activities will include field sessions at a marine archeological site, visits to museums, and guest lectures on current research projects. Offered by the Massachusetts Bay Marine Studies Consortium. No prerequisites. Open to students by permission of the Consortium representative, Harold Andrews, Geology Department.

127 (2) Geography and Politics

An introduction to political geography and critical thinking in the social sciences. Explores three historical cases when some politically relevant geographic knowledge seemed to disappear: the loss of Ptolemy's scientific geography in the Medieval Christian and Islamic worlds, Europe's reconstruction of Africa as an "unknown" continent between 1500 and 1800, and the abandonment of geography by many American schools and universities after the second world war. Investigates hypotheses about these cases by making and critically evaluating maps using the geographic concepts at issue. Helps students both overcome the consequences of poor training in geography and become familiar with the use and abuse of maps by political scientists and public policy makers. Open to all students. Preference given to first-year students.. Not offered in 1993-94.

200 (1) (A) Classic Western Texts in Contemporary Perspective

A study of some of the most important literary texts in the western tradition, from ancient Greece to the end of the Middle Ages. Among the texts: *The Tale of Gilgamesh*, Homer's *Odyssey*, the poems of Sappho, one or two plays by Sophocles, Aristophanes' *Lysistrata*, Plato's *Republic*, Vergil's *Aeneid*, Augustine's *Confessions*, poems by Arnaut Daniel and Walther von der Vogelweide, Dante's *Inferno*, and Christine de Pisan's *The Book of the City of Ladies*. Discussion aimed at understanding these texts on their own terms and also at asking whether and how they can still matter to us; special attention to all the means by which later artists make these texts new, among them translation, theatricalization, and rewriting. Open to all students. Not offered in 1993-94.

Mr. Rosenwald

216 (1) (C) Mathematics for the Physical Sciences

Mathematical preparation for advanced physical science courses. Topics include advanced integra-

tion techniques, complex numbers, vectors and tensors, vector calculus, ordinary differential equations, Fourier series and transforms, partial differential equations and special functions (Legendre, Laguerre, and Hermite polynomials, Bessel functions), matrices, operators, linear algebra, and approximation techniques. Prerequisite: Mathematics 116 or 120, and Physics 104 or 107.

Ms. Lynker

223 (2) (B) Gender in Science

An inquiry into the emergence of modern science, the role that women have played in its development, and the biographies of some prominent women scientists. Consideration will be given to literature on sex differences in scientific ability, the role of gender in science, and the feminist critique of science.

Ms. Chaplin

231 (1) (A) Interpretation and Judgement of Films

Close analysis of major works of film art, drawn from the work of such directors as Welles, Antonioni, Sturges, Bergman, Ophuls, Godard, Eisenstein, Chaplin, Kubrick. Many short written assignments. Frequent screenings early in the week of the film under discussion; students are required to see each film twice. Open to all students.

Mr. Garis, Mr. Shetley

232 (2) (A) New Literatures: Lesbian and Gay Writing in America

Fiction, autobiography, and poetry by lesbian and gay writers primarily from the post-Liberation period, including Dorothy Allison, Judy Grahn, Audre Lorde, Joan Nestle, Robert Ferro, Andrew Holleran, David Leavitt, and Edmund White. Special attention will be given to the aesthetic and political issues raised by redefinitions of sexual identity. Open to all students.

Mr. Cooper

330 (1) (A) Seminar. Comparative Literature. The Fantastic in Literature

The course will examine short fiction by writers from several different languages and cultures. The tradition of the fantastic, which emerged at the end of the 18th century, employs allegories of violence, horror, supernatural terror, delusion, and abnormal psychic states. Texts are chosen for their literary treatment of the fears that prey upon the human imagination. Among the goals

of the course will be to identify recurring themes of the fantastic, to analyze its symbolic iconography, and develop a typology of the fantastic as it has evolved over two centuries. Writers include Poe, Hoffmann, James, Gogol, Cort, Dinesen, Kafka, Maupassant, Gautier. *Prerequisite: one grade II literature course. Preference given to juniors and seniors.*

Mr. Hansen

First-Year Cluster Program

Directors: Vega and Merry

The First-Year Cluster Program, begun in 1984, offers first-year students an alternative format in which to study traditional materials of the liberal arts curriculum. One purpose of the format is to help students develop more readily and fully a sense of the relationship between the materials and methods of several different disciplines. The format is also intended to increase opportunities for shared studies with other students and with faculty and to enhance skills in the writing and presenting of papers. Faculty members from different departments teach the Cluster courses, and student enrollment is limited to a maximum of 75 first-year students.

The topic of the First-Year Cluster changes each year. It is described fully in a Cluster brochure available from the Board of Admission or the Committee on Curriculum and Instruction. The 1993-1994 Cluster, for members of the Class of 1997, is "Constructions of Self: Gender, Reproduction, Sexuality." The Cluster explores how identities based on gender and sexuality are culturally formed and the relationship between these social selves and the biology of reproduction, including recent changes in reproductive technologies. One central question is how gender and sexuality are socially constituted despite cultural assumptions that they are natural phenomena; a second is how the biological imperatives of reproduction constrain these social identities. We will examine the extent to which contemporary categories defined by sexual orientation are applicable to pre-modern and non-Western societies. Courses in the Cluster will explore the biology of human sexual reproduction, sociological issues concerning reproduction and reproductive technologies, psychological dimensions of the female/male body and body image, and literary and artistic depictions of selves as embodied and engendered in a wide variety of ways. Satisfies the multicultural requirement.

The special format of the First-Year Cluster is described in the Cluster brochure. Briefly, the Cluster Program takes up three of the student's eight courses in her first year. In her fall term, each student takes two of the Specialty courses offered by the Cluster faculty. These specialty courses meet distribution requirements in the area of the instructor of each course. In the spring, each Cluster student enrolls in a section of XWRIT 125 that will be staffed by the Cluster faculty.

XWRIT 125 (2) Cluster Writing

Special section of the regular College writing course, Writing 125. The Cluster sections of Writing 125 meet the College writing requirement while taking their materials from the subject matter of the Cluster. *Required of all Cluster members. Maximum enrollment 15.*

The Cluster Faculty

XART 100 "Gender and Genres in the Visual Arts: Themes and Variations"

Not unlike verbal languages, visual languages rely upon finite vocabularies and grammatical structures to produce coherent and legible statements within social discourses. One result is the persistence of well-defined genres in the history of the visual arts. We will study some of the principal genres as they articulate issues of gender, sexuality and presentations of the body. These include: portraits and representations of kinship; religious cult images; historical and mythological narrative scenes; erotica; and the arts of everyday life, including costume. Our materials will include comparisons of Western and non-Western arts. Our approach will be analytical, cross-cultural, and largely thematic rather than historical.

Mr. Rhodes

XBISC 100 "The Biology and Technology of Human Reproduction"

Diverse aspects of the Biology of human sexual reproduction will be examined in this course, including background information on basic biological concepts and the scientific method. The course will then address the genetic reasons for sexual reproduction, with some emphasis on heredity in humans. This will be followed by an examination of the development, structure, and function of the reproductive systems of women and men. The course will examine the way in which modern technologies have addressed and changed the reproductive problems and capacities of people, including discussions of some of the newest means of contraception and conception. The course covers other aspects of human biology which are typically seen as gender-specific, or significantly influenced by gender, as well.

Mr. Smith

XPSYC 100 "Psychological Perspectives on Sex and Gender"

This course will examine contemporary perspectives on women and gender. In particular, we will

analyze the ways in which psychology interprets and understands women's experiences, behaviors, and personalities in relation to the female body and women's relationships with others. Different theoretical approaches to the study of sex and gender will be covered. In addition, applications of psychological theory to women's lives will be included, such as the issue of reproductive power, the portrayal and control of women's bodies, women's sexuality, gender differences in relationships, and women's sex-roles. We will discuss whether or not these perspectives apply to psychological understanding of men.

Ms. Carli

XSPAN 100 "Sexual and Literary Identity"

This course will focus on selected autobiographical texts that emphasize, within the definitions of self, categories determined by gender and sexuality. As part of this inquiry, we will examine the literary depiction of varieties of sexual expression, narrative theory relevant to the linguistic representation of extra-verbal sentiment and sensation, and critical theory regarding the autobiographical genre/mode. We will examine also recent essentialist/social constructionist debates concerning categories based on sexual orientation. Primary works include the writings of Ben Sahl of Seville, Jean-Jacques Rousseau, Giacomo Casanova, Harriet Jacobs, J.R. Ackerley, Maxine Hong Kingston, Maya Angelou, Cherríe Moraga, Jan Morris and Alma Villanueva.

Mr. Vega

XSOC 100: "Fertility and Infertility: The Importance of Children to Women in America"

The course will begin with a discussion of the changing value of children in American society from economically important to family survival to emotionally priceless. We will then view changing definitions of motherhood and fatherhood in the specific context of teen pregnancy and sexuality. After examining high-tech solutions to infertility such as surrogate mothering, in vitro fertilization, artificial insemination, and egg donation, we will consider the extent to which the pursuit of motherhood for teen mothers and infertile women is similar. Although most research on these topics concentrates on medical treatments and social science interviews with females, it is generally the couple that experiences infertility; therefore, where possible, we will focus on the social and psychological issues that couples face together. We will look at "new-tech babies" as indicative of a separation of biology from social parenting and the implications of

this reality for changing definitions of motherhood and fatherhood in contemporary society.

Ms. Hertz

XWOST 100 "The Intersection of Sexuality, Gender and Culture"

This course will examine the ways in which issues of gender and culture influence the understanding and development of sexuality. Sexuality will be examined within a social constructionist perspective, taking into account how gender roles affect our expression of sexuality and issues of reproduction. It will focus on the effect of ethnicity, culture, race, and class on sexuality and gendered identities. The multicultural perspective on sexuality and its cultural determination will be explored with a particular emphasis upon Asian American women. The readings will draw upon writings by Asian American and other ethnic writers, and will include theoretical articles, autobiographical writings, essays, fiction, film, video, and other forms of artistic expression.

Ms. Chan

French

Professor: Mistacco, Gillain^{A2}, Lydgate, Respaud (Chair), Grimand

Associate Professor: Levitt, Raffy^A

Assistant Professor: Tranvouez, Masson, Murdoch, Datta, Elmarsafy

Instructor: Lemettais, Crouzières

Lecturer: Egron-Sparrow

All courses are conducted in French. Oral expression and composition are stressed.

The Department reserves the right to place new students in the courses for which they seem best prepared and to assign them to specific sections depending upon enrollments.

Qualified students are encouraged to live at the *Maison française* and to spend their junior year in France on the Wellesley-in-Aix program or another approved program. See p. 63.

101-102 (1-2) Beginning French

Intensive training in French, with special emphasis on culture, communication, and self-expression. A multi-media course, based on the video series *French in Action*. Weekly audiovisual presentations introduce new cultural and linguistic material. Regular video and audio assignments in the language laboratory. Three periods. *No credit will be given for this course unless both semesters are completed satisfactorily. Open to students who do not present French for admission or by permission.*

Mr. Lydgate, Ms. Lemettais, Ms. Crouzières

201 (1) Intermediate French

Continued intensive training in communications skills, self-expression, and cultural insight, using the video series *French in Action*. Regular video and audio assignments in the language laboratory. Additional reading and writing assignments along with further development of conversational skills. Three periods. *No credit will be given for this course unless both semesters (201-202) are completed satisfactorily. Not open to students who have taken [121-122], [131-132], or [141-142]. Prerequisite: 102 or by permission. CEEB score of 460 or an equivalent Departmental Placement score.*

Mr. Murdoch, Ms. Datta, Mr. Elmarsafy, Ms. Egron-Sparrow

202 (1) (2) Intermediate French

Speaking, reading and writing skills developed through discussion of plays, short stories, poems, newspaper articles, movies and television programs. *Prerequisite:* 102 or by permission. CEEB score of 510 or an equivalent Departmental Placement score. Students who take 202 first semester must take 204 to get credit for the course.

Ms. Masson, Ms. Datta, Mr. Elmarsafy, Ms. Egron-Sparrow

203-204 (1-2) The Language and Culture of Modern France

Discussion of selected modern literary and cultural texts. Grammar review. Study of vocabulary and pronunciation. Frequent written and oral practice. Three periods. No credit will be given for this course unless both semesters are completed satisfactorily. *Prerequisite:* CEEB score of 560 or an equivalent Departmental Placement score. Not open to students who have taken [141-142].

Ms. Mistacco, Ms. Levitt, Ms. Tranvouez

206 (1) (2) Intermediate Spoken French

Practice in conversation, using a variety of materials including films, videotapes, periodicals, songs, radio sketches, and interviews. Regular use of the language laboratory. *Prerequisite:* 202 [132] or 204 [142], acceleration from 201 [131] or 203 [141], a CEEB score of 610 or an equivalent Departmental Placement score, or an AP score of 3.

Ms. Gillain, Ms. Tranvouez, Ms. Egron-Sparrow

207 (1) French Society Today

Issues and attitudes in today's France. Class discussion of periodicals, newspapers and other representative texts. Oral reports, short papers, outside reading. *Prerequisite:* 202 [132] or 204 [142], acceleration from 201 [131] or 203 [141], a CEEB score of 610 or an equivalent Departmental Placement score, or an AP score of 3. Not open to students who have taken [205].

Ms. Datta

208 (2) Women and the Literary Tradition

An introduction to women's writing from Marie de France to Marguerite Duras, from the Middle Ages to the twentieth century. The course is designed to develop an appreciation of women's place in French literary history. Special attention is given to the continuities among women writers

and to the impact of their minority status upon their writing. *Prerequisite:* 202 [132], 204 [142], acceleration from 201 [131] or 203 [141], a CEEB score of 610 or an equivalent Departmental Placement score, or an AP score of 3. Not open to students who have taken [200].

Ms. Mistacco

209 (1) French Literature and Culture Through the Centuries I

From the Middle Ages through Classicism. Class discussion of selected masterpieces. Short papers, outside reading, slides. *Prerequisite:* 202 [132] or 204 [142], acceleration from 201 [131] or 203 [141], a CEEB score of 610 or an equivalent Departmental Placement score, or an AP score of 3. Not open to students who have taken [201]. Not offered in 1993-94.

210 (1) French Literature and Culture Through the Centuries II

From the 18th to the 20th century: Montesquieu, Beaumarchais, Balzac, Flaubert, Camus, and Camara Laye. Short papers. *Prerequisite:* 202 [132] or 204 [142], acceleration from 201 [131] or 203 [141], a CEEB score of 610 or an equivalent Departmental Placement score, or an AP score of 3. Not open to students who have taken [202].

Mr. Murdoch

212 (1) Studies in the Middle Ages and Renaissance

Prerequisite: 204 [142], acceleration from 203 [141], a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5. Not offered in 1993-94.

Mr. Lydgate

213 (2) From Myth to the Absurd: French Drama in the Twentieth Century

An investigation of the major trends in modern French drama: the reinterpretation of myths, the influence of existentialism, and the theater of the absurd. Special attention is given to the nature of dramatic conflict and to the relationship between text and performance. *Prerequisite:* 204 [142], acceleration from 203 [141], a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5.

Ms. Masson

214 (2) Masterpieces of the XIX Century Novel

Intensive study of narrative techniques and the representation of reality in major works by

Balzac, Stendhal, Flaubert, and Zola, with special attention to the social and political contexts of sexual desire. *Prerequisite:* 204 [142], *acceleration from 203 [141], a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5.*

Ms. Tramvouez

215 (1) Baudelaire and Symbolist Poets

The nature of the poetic experience studied in the works of Baudelaire, Verlaine, Rimbaud, Mallarmé, and Laforgue. *Prerequisite:* 204 [142], *acceleration from 203 [141], a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5. Not offered in 1993-94.*

219 (1) Love/Death

This course investigates the connection between fiction and poetry and our fundamental preoccupation with the issues of love and death. Texts ranging from the Middle Ages to the twentieth century are studied, with an eye toward understanding how the themes of love and death are related to story structure, narration, and the dynamics of reading. *Prerequisite:* 204 [142], *acceleration from 203 [141], a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5.*

Ms. Respaud

222 (1) (2) Studies in Language I

Comprehensive review of French grammar, enrichment of vocabulary, and introduction to French techniques of composition and the organization of ideas. *Prerequisite:* 204 [142], *acceleration from 203 [141], a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5.*

Ms. Crouzières, Mr. Murdoch, Ms. Lemettais

223 (1) Studies in Language II

Skills in literary analysis and appreciation are developed through the close study of short stories, poems, and plays. Techniques of expression in French essay writing, including practice in composition and vocabulary consolidation are emphasized. *Prerequisite:* 204 [142], *acceleration from 203 [141], a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5.*

Ms. Crouzières

226 (1) Advanced Spoken French

Practice in oral expression to improve fluency

and pronunciation with special attention to phonetics and idiomatic vocabulary. In addition to recordings, videotapes, and periodicals, classics of the French cinema will be studied for their linguistic interest. Regular use of the language laboratory. Not open to first year students. Not recommended for students who have studied in France. *Prerequisite:* One Grade II unit, above and excluding 206. *Not offered in 1993-94.*

Ms. Gillain

230 (2) Paris: City of Light

A study of Paris as the center of French intellectual, political, economic, and artistic life through an analysis of its changing image in literature from the Middle Ages to the present. Contemporary materials such as films, songs, and magazines are used to show how the myths and realities of the city's past influence Parisian life today. *Prerequisite:* 204 [142], *acceleration from 203 [141], a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5. Not offered in 1993-94.*

Ms. Raffy

240 (1) French Cinema

A survey of French cinema from its invention (Lumière, Méliès) to the New Wave (Resnais, Godard, Truffaut) with emphasis on the classical narrative film of the '30s and '40s (Vigo, Carné), Renoir, Cocteau, Bresson). *Prerequisite:* 204 [142], *acceleration from 203 [141], a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5. Not offered in 1993-94.*

Ms. Gillain

250 (2) The French Press

Reading and study of current newspaper and magazine articles as well as video. Analysis of cartoons, comic strips, and advertisements. Ideological, sociological and stylistic differences are stressed. Systematic comparison with the American Press. Intensive practice in conversation and composition. Oral and written reports. *Prerequisite:* 204 [142], *acceleration from 203 [141], a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5. Not Offered in 1993-94.*

Ms. Datta

259 (1) (2) Selected Topics

Semester I: Topic a: Images of Women in French Cinema. A survey of films by major French directors that focus on a central female character. The

course will study psychological, sociological and stylistic aspects of the representation of women in cinema and their changing images from the thirties to the present. Women's roles within the family and society will be analyzed, as will status of film stars as mythic creations of an idealized woman. The films chosen for study will illustrate the history of French cinema over sixty years. *Prerequisite:* 204 [142], *acceleration from* 203 [141], *a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5.*

Ms. Gillain

Semester I: Topic b/WI: Books of the Self: Texts from the Middle Ages to the present that seek to represent the reality of the self in the space of a book. Confessional and autobiographical works by Augustine, Abélard, Montaigne, Camus, Annie Ernaux, Barthes, Maryse Condé. Problems of writing: sincerity, perspective, compression, the role of style. Truth and fiction. Dangers and illusions of the mirror-image. The role of the reader as accomplice, witness, judge, confessor. *Prerequisite:* 204 [142], *acceleration from* 203 [141], *a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5.*

Mr. Lydgate

Semester II: Topic c: Myth and Memory in Modern France: From the French Revolution to May 1968. How do the French view their past and what myths have they created to inscribe that past into national memory? In this course, we will examine modern French history and culture from the perspective of "les lieux de mémoire," that is, symbolic events, institutions, people, and places that have shaped French national identity. *Prerequisite:* 204 [142], *acceleration from* 203 [141], *a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5.*

Ms. Datta

Semester II: Topic d: Discourse and the Other: French literature has traditionally been taught from a singularly metropolitan French outlook. By reading canonical French texts against their Caribbean counterparts, both traditions are illuminated. In this context, oppositions between self and other, center and periphery, colonizer and colonized are emphasized. *Prerequisite:* 204 [142], *acceleration from* 203 [141], *a CEEB score of 650 or an equivalent Departmental Placement score, or an AP score of 4 or 5. Satisfies the multicultural requirement.*

Mr. Murdoch

301 (2) Forms, Reforms and Revolutions: the Middle Ages and Renaissance

Literary beginnings in the French Renaissance. The discovery and recovery of ancient culture and the waning of the Middle Ages: humanism, mysticism, the example of Italy, the advent of printed books, religious reform and counter-reform, individualism, skepticism. Effects of these forces on major Renaissance writers and on the new forms of expression their works reflect. Rabelais and the emergence of the novel. Montaigne and the origins of autobiography. Ronsard's reorientation of the love lyric. Louise Labé and Marguerite de Navarre: women in search of a language and a voice. *Prerequisite:* *Two Grade II units, including one in literature (212 or above).* *Not offered in 1994-95.*

Mr. Lydgate

303 (2) Advanced Studies in the Seventeenth and Eighteenth Centuries: Corneille, Molière, Racine

This course will survey the development of classical theater in France as exemplified by the works of Corneille, Molière and Racine. Texts will be read in the context of the political, social and literary histories of the seventeenth century. *Prerequisite:* *two Grade II units, including one in literature (212 or above).* *Not offered in 1994-95.*

Mr. Elmarsafy

304 The French Novel in the Eighteenth Century

"A New Revolution": Challenges to the Canon of the Eighteenth-Century Novel. Drawing from recent feminist inquiries into the politics of literary history, the course examines masterpieces written by men in dialogue with novels by major women writers of the period, novels much admired in their time, subsequently erased from the pages of literary history, currently rediscovered. Works by Prévost, Mme de Tencin, Mme de Graffigny, Mme Riccoboni, Rousseau, Diderot, Laclos, Mme de Charrière. *Prerequisite:* *Two Grade II units, including one in literature (212 or above).* *Not offered in 1993-94. Offered in 1994-95.*

Ms. Mistacco

305 (1) Advanced Studies in the Nineteenth Century

From Novel to Autobiography: Self-knowledge and Self-representation in Nineteenth-century Literary Works. Focus on autobiography as a

literary genre and its links with neighboring textual forms (biography, diary, autobiographical novel). The problems of narration within autobiographical texts. Works by Balzac, Stendhal, Chateaubriand, Musset, Fromentin, and Sand. *Prerequisite: Two Grade II units, including one in literature (212 or above). Not offered in 1994-95.*

Ms. Tranvouez

306 Literature and Ideology in the Twentieth Century

Ideological purpose and literary form in selected works of Gide, Breton, Malraux, Sartre, Camus, and Robbe-Grillet. *Prerequisite: Two Grade II units, including one in literature (212 or above). Not offered in 1993-94.*

307 French Poetry in the Twentieth Century

The nature and function of poetic creation in the works of Valéry, Apollinaire, Breton, Saint-John Perse, Char, and Ponge. Representative texts by poets associated with OULIPO and Tel Quel are also included. *Prerequisite: Two Grade II units, including one in literature (212 or above). Not offered in 1993-94.*

308 (1) Advanced Studies in Language I

The techniques and art of translation are studied through an analysis of the major linguistic and cultural differences between French and English. Translations from both languages. *Prerequisite: Two Grade II units. Not open to students who have taken 309. Open to Juniors and Seniors only, or by permission of the instructor.*

Mr. Elmarsafy

314 (1) Cinema

François Truffaut: An in-depth review of Truffaut's overall contribution to cinema. Includes readings from his articles as a film critic, a study of influences on his directorial work (Renoir, Hitchcock, Lubitsch) and a close analysis of twelve of his films using a variety of critical approaches: biographical, historical, formal, and psychoanalytical. *Prerequisite: Two Grade II units. Not offered in 1993-94. Offered in 1994-95.*

Ms. Gillain

318 (1) Modern Fiction

The course examines various twentieth-century forms of fiction, including avant-garde and feminist works. Changes in the concept and practice of reading are related to intellectual currents and

developments in the arts and film. Authors include André Gide, Samuel Beckett, Nathalie Sarraute, Alain Robbe-Grillet, Claude Simon, Marguerite Duras. *Prerequisite: Two Grade II units, including one in literature (212 or above). Not offered in 1993-94.*

Ms. Mistacco

319 (1) Women, Language, and Literary Expression

Topic a: Difference: Fiction by 20th-Century Women Writers in France. Challenges to the institution of literature, to patriarchal thinking and male discourse in texts by Beauvoir, Colette, Cardinal, Chawaf, Duras, Wittig, and a Franco-phone writer. The creative possibilities and risks involved in equating the feminine with difference. Perspectives on women, writing, and difference in colonial and post-colonial contexts. Readings from feminist theoreticians, including Cixous, Kristeva, and Irigaray. *Prerequisite: Two Grade II units, including one in literature (212 or above). Not offered in 1994-95.*

Ms. Mistacco

Topic b: Subversion and Creativity: 20th-Century Women Writers in France. Selected texts by Colette, Beauvoir, Duras, Leduc, Chawaf and Wittig, with emphasis on the transformations in thinking about women in recent decades and the correspondingly explosive forms of writing by women in their search for a new language. *Prerequisite: Two Grade II units, including one in literature (212 or above). Not offered in 1993-94.*

Ms. Respaut

Topic c: The Feminine in Nineteenth-Century Texts. A feminist perspective on women in fictional and non-fictional prose. Works by Balzac, Barbey d'Aureville, Michelet, Sand, and Zola. *Prerequisite: Two Grade II units, including one in literature (212 or above). Not offered in 1993-94. Offered in 1994-95.*

Ms. Respaut

321 (1) (2) Seminar

Semester I: Women Playwrights at the Comédie Française. Analysis of plays by women authors. Women's images of love, sexuality and motherhood. Their portrayal of men, particularly as lovers or parents, their vision of society and the world. *Prerequisite: Two Grade II units, including one in literature (212 or above). Not offered in 1994-95.*

Ms. Masson

Semester II: Colette and Duras: "A Pleasure Unto

Death." Two prolific authors whose works embrace the span of women's writing in the twentieth century, and who correspondingly illustrate the essential features of modern expression by women. Attention to the phases of a woman's life, sexuality, the figure of the mother, exoticism and race, and the relation between fiction and autobiography. *Prerequisite: Two Grade II units, including one in literature (212 or above). Not offered in 1994-95.*

Ms. Respaut

330 French and Francophone Studies

Questions of Identity in Post-Colonial Writing. An introduction to some of the Third World literatures of French expression: West Africa, North Africa, and the Caribbean. A study of the attempt to define the essence of the francophone experience and identity through literary discourse. *Prerequisite: Two Grade II units, including one in literature (212 or above). Satisfies the multicultural requirement. Not offered in 1993-95.*

Mr. Murdoch

349 Studies in Culture and Criticism

Topic a: Proper Names and Politeness. A sociolinguistic study of the nature and historical development of personal names as cultural and linguistic systems in French. Using novels, film, and newspapers, we study the role of pronouns (the "tu / vous" distinction), kinship names, and various other forms of naming (nicknames, titles, first, middle, last names, terms of endearment). *Prerequisite: Two Grade II units. Not offered in 1993-94.*

Mr. Grimaud

Topic b: Anti-Semitism in French Society: The Dreyfus Affair. An interdisciplinary course which places the Dreyfus Affair within the context of French history and culture. We examine the social and political effects of the Affair, including its role as a catalyst for the collective involvement of intellectuals in the national arena. The course also studies the rich and varied representations of the Affair in literature, the graphic and plastic arts, and film. *Prerequisite: Two Grade II units. Not offered in 1993-94.*

Ms. Datta

350 (1) (2) Research or Individual Study 1 or 2

Prerequisite: Two Grade II units.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of Department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Directions for Election

Grade I: Course 101-102 is counted toward the degree but not toward the major. Students who begin with 101-102 in college and who plan to major in French should consult the chair of the Department during the second semester of their first year. Course 203-204 [141-142] may not be elected by students who have taken both 101-102 and 201-202 [131-132]. A student may not count toward the major both 201-202 [131-132] and 203-204 [141-142]; or both 206 and 226.

Acceleration to Grade II: Students who achieve a final grade of A or A- in 201 [131] may, on the recommendation of their instructor, accelerate to courses 204 [142] through 210 [202]. Students who achieve a final grade of A or A- in 203 [141] may accelerate to any Grade II course.

Students achieving a final grade of A or A- in 102 may, upon the recommendation of their instructor, accelerate to 203 [141]. Students who accelerate from French 201 [131] or 203 [141] receive one unit of credit for 201 or 203 and satisfy Wellesley's foreign language requirement upon successful completion of their second semester's work at Grade II.

Majors: Majors are required to complete the following courses or their equivalents: either 222 or 223 and 308. In some cases 226 may also be required. The goals of a coherent program are: (a) Oral and written linguistic competence; (b) acquisition of basic techniques of reading and interpreting texts; (c) a general understanding of the history of French literature; (d) focus on some special area of study (such as a genre, a period, an author, a movement, criticism, poetics, contemporary French culture). Students planning to major in French should consult with the Department Chair, Michèle Respaut.

Graduate Studies: Students planning graduate work in French or comparative literature should write a 370 honors thesis and study a second modern language and Latin.

Teacher Certification: Students interested in obtaining certification to teach French in the Commonwealth of Massachusetts should consult the French consultant, Vicki Mistacco, and the Chair of the Department of Education.

Teaching Assistant Program in a French "Lycée": Each year the Department selects at least two French majors interested in the teaching profession to teach in a French high school.

French Cultural Studies

AN INTERDEPARTMENTAL MAJOR

Director: *Datta*

The major in French Studies offers students the opportunity to develop fluency in the language while extending their understanding of France and other French-speaking countries through an interdisciplinary study of the arts, literature, history, and philosophy.

The program for each student will be designed individually, in consultation with the director and an advisor from another major department. All students will take at least 4 units in French above the 202 level, including at least one unit at Grade 3 and one unit chosen from among 222 (Studies in Language I), 223 (Studies in Language II), and 308 (Advanced Studies in Language I). However, 206 (Intermediate Spoken French and 226 (Advanced Spoken French) may not both be counted toward the major in French Culture and Civilization.

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of director. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Students will also take a minimum of two units in related departments from among the following:

Art 202 (1)

Medieval Representational Arts

Art 203 (2)

Cathedrals and Castles of the High Middle Ages

Art 219 (1)

Nineteenth-Century Art

Art 223 (2)

The Decorative Arts.

Art 226

History of Photography. *Not offered in 1993-94.*

Art 234 (1)

Paris: Capital of the Nineteenth Century.

Art 312 (2)

Seminar. Problems in Nineteenth-Century Art

History 218

Jews in the Modern World, 1815-Present

History 236

The Emergence of Modern European Culture: The Seventeenth and Eighteenth Centuries *Not offered in 1993-94.*

History 237

Modern European Culture: The Nineteenth and Twentieth Centuries. *Not offered in 1993-94. Offered in 1994-95.*

History 242

France in the Splendid Century. *Not offered in 1993-94.*

History 243

The Enlightenment, the French Revolution, and Napoleon. *Not offered in 1993-94.*

History 244

History of Modern France, 1815-Present. *Not offered in 1993-94. Offered in 1994-95.*

History 328

Anti-Semitism in Historical Perspective. *Not offered in 1993-94.*

History 330

Seminar. Medieval Heroes and Heroines.

History 338 (2)

Seminar. European Resistance Movements in World War II

History 361

Seminar. Crisis and Renovation: Comparative Themes in the History of France and Britain, 1930-80. *Not offered in 1993-94. Offered in 1994-95.*

Language Studies 237

History and Structure of the Romance Languages. *Not offered in 1993-94.*

For these courses, students are expected to write their main paper(s) on a French topic. In addition, and in consultation with the director, research and individual study (350) may be approved, as may such courses as: Art 224 (Modern Art); Art 228 (19th and 20th-Century Architecture); Art 250 (From Giotto to the Art of the Courts: Italy and France 1300-1420); Art 332 (Seminar. The Thirteenth-Century King as Patron); History 237 (Modern European Culture: the 19th and 20th Centuries); Philosophy 200 (Modern Sources of Contemporary Philosophy); Philosophy 223 (Phenomenology and Existentialism); Political Science 205 (Politics of Western Europe); Political Science 222 (Comparative Foreign Policies).

Teacher Certification: Students interested in obtaining certification to teach French in the Commonwealth of Massachusetts should consult the French consultant, Vicki Mistacco, and the Chair of the Department of Education.

Geology

Professor: *Andrews, Thompson (Chair)*

Associate Professor: *Besancon*

Laboratory Instructor: *Nadakavukaren*

All courses with laboratory meet for two periods of lecture, and one three-hour laboratory session weekly.

100 (1) Oceanography

An introduction to ocean science with an emphasis on marine geology. Topics include ocean currents and sediments, ocean basin tectonics and evolution, coral reefs, deep-sea life, and marine resources. No laboratory. *Open to all students.*

Mr. Andrews

102 (1) (2) The Dynamic Earth with Laboratory

Introduction to geologic processes ranging from microscopic growth of mineral crystals to regional erosion and deposition by water, wind and ice to volcanism and earthquakes associated with global plate motions. Interactions between these dynamic systems and such human activities as mining, farming and development. Laboratory and field trips include study of minerals, rocks, topographic and geologic maps. *Open to all students.*

The Staff

200 (2) The Earth and Life through Time with Laboratory

The geologic history of North America and the evolution of life as revealed in the fossil record. Includes discussion of ancient environments, tectonic evolution of mountain ranges, origin and extinction of life forms. Laboratory and field trip. *Prerequisite: 102 or by permission of the instructor.*

Mr. Andrews

202 (1) Mineralogy with Laboratory

Introduction to crystallography; systematic study of the rock-forming minerals. Emphasis on geochemical relationships including bonding, solid solution series, and mineral structure. Introduction to optical mineralogy. Laboratory. *Prerequisite: 102 or by permission of the instructor.*

Mr. Besancon

204 (2) Catastrophes and Extinctions

An examination of mass extinctions in the his-

tory of life. Topics covered will include: evolution and the fossil record, gradual change and catastrophic events, dinosaurs and their extinction, periodicity of mass extinctions, the prospect of future extinctions and an evaluation of the possible causes of extinctions, including sea-level changes, climate changes, volcanism and meteorite impacts. *Prerequisite: 102 or by permission of the instructor. Offered in 1993-94 (2). Offered in 1994-95 (1).*

Mr. Andrews

206 (1) Structural Geology with Laboratory

Introduction to geometry and origin of rock structure ranging from microtextures and fabrics to large-scale folding and faulting. Emphasis on processes of rock deformation in terms of theoretical prediction and experimental findings. Laboratory and field trips. *Prerequisite: 102 or by permission of the instructor. Offered in 1993-94. Not offered in 1994-95.*

Ms. Thompson

211 (2) Geology and Human Affairs

This course will focus on interactions between people and their physical environment. Geological component to emphasize soils, coastal and glacial processes and deposits, surface and groundwater flows, fractures and faults in bedrock as fluid conduits. Human impacts will be examined in terms of adverse effects on geological systems and in terms of protective environmental regulation and remediation. Case studies will highlight recent and ongoing projects in New England relating to hazardous waste management, water supply protection, wastewater disposal and the Boston Harbor Cleanup. No laboratory. *Prerequisite: 102 or by permission of the instructor. Not offered in 1993-94. Offered in 1994-95.*

Ms. Thompson

304 (2) Stratigraphy and Sedimentation with Laboratory

Formation, composition, and correlation of stratified rocks. Emphasis on sedimentary environments, transportation of sedimentary particles, sediment diagenesis, and sedimentary petrography. Laboratory and field trips. *Prerequisite: 202. Offered in 1993-94. Not offered in 1994-95.*

Ms. Thompson

305 (1) Paleontology with Laboratory

The morphology and evolution of the major

invertebrate fossil groups. Discussion of functional morphology, origin of species and higher taxa, extinctions, ontogeny and phylogeny, and vertebrate evolution. Laboratory. *Prerequisite: 200 or by permission of the instructor. Offered in 1993-94. Not offered in 1994-95.*

Mr. Andrews

309 (2) Petrology with Laboratory

Study of the origin and occurrence of igneous and metamorphic rocks with particular reference to modern geochemical investigations. Examination and description of hand specimens and thin sections using the petrographic microscope. Laboratory. *Prerequisite: 202. Not offered in 1993-94. Offered in 1994-95.*

Mr. Besancon

311 (2) Hydrogeology

Investigation of water supply and use. Principles of surface and groundwater movement and water chemistry are applied to the hydrologic cycle in order to understand sources of water for human use. Quantity and quality of water and the limitations they impose are considered. *Prerequisite: 102 and permission of the instructor. Offered in 1993-94. Not offered in 1994-95.*

Mr. Besancon

314 (1) North America: A Tale of Two Seacoasts

The evolution of North America in terms of plate tectonic processes presently operating on the "passive" Atlantic seaboard and the tectonically active Pacific coast. Similar vertical movements, faulting and volcanism will be traced backward as formative processes in the Cenozoic and Mesozoic mountains of the Cordillera, the Paleozoic Appalachian chain and deeply eroded Precambrian belts of the continental core. We will also touch on glaciation and other landscape-forming processes. *Prerequisite: 200 or by permission of the instructor. Not offered in 1993-94. Offered in 1994-95 (1).*

Ms. Thompson

349 (2) Seminar. Volcanoes

From the origin of various magmas to their surface expression as volcanoes. We will consider major earth processes which form magma, magma flow and eruption, the morphology of volcanoes, the evolution of form and composition with time, and methods of predicting and

monitoring eruptions. *Prerequisite: 102 and permission of the instructor. Not offered in 1993-94. Offered in 1994-95.*

Mr. Besancon

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Directions for Election

In addition to eight units in geology, normally to include 200, 206, 304, and 309, the minimum major requires four units from other laboratory sciences, mathematics, or computer science. All four units may not be taken in the same department. A student planning graduate work should note that most graduate geology departments normally require two units each of chemistry, physics, and mathematics. Biology often may be substituted if the student is interested in paleontology.

The department recommends that students majoring in geology take a geology field course, either 12.051 and 12.052 offered in alternate years by MIT or a summer geology field course offered by another college.

A minor in geology (5 units) consists of: (A) 102 and (B) 2 units in one of the four following areas of concentration: I. (Paleobiology) 200, 204, 305 or II. (Structural Geology) 206, 314 or III. (Petrology) 202, 304, and 309 or IV. (Environmental Geology) 211, 311 and (C) 2 additional 200 or 300 level units.

German

Professor: Ward (Chair), Hansen

Associate Professor: Kruse

Assistant Professor: Leventhal, Nolden

Director of Wellesley-in-Konstanz Program:
Ursula Dreher

Because the language of instruction above the 100 level is almost exclusively German, students have constant practice in hearing, speaking, and writing the language.

The department reserves the right to place a new student in the course for which she seems best prepared, regardless of background and number of units she offers for admission.

Upon recommendation of the instructor and approval of the Head of the Department, students may proceed from 201 to 212 at mid-year.

Qualified students are encouraged to spend the junior year in Germany on the Wellesley-in-Konstanz program or an approved non-Wellesley program.

101-102 (1-2) Beginning German

An introduction to contemporary German. Comprehensive introduction to basic grammar with emphasis on communicative fluency. Extensive practice in all four skills: listening, speaking, reading and writing. Regular use of language lab. Video and computer assignments. Topics from contemporary culture in German-speaking countries. Four periods. *No credit will be given for this course unless both semesters are completed satisfactorily.*

Staff (1-2)

German 120/ Writing 125 (2) Views of Berlin

From the brilliant cultural metropolis of the 1920s to the current "post-wall" period, the city of Berlin will provide the vantage point for a survey of seven decades of German history and culture. We will study films, literary texts, political language and art in order to gain a better understanding of the "German Question" and the special status of Berlin within it. Written work will include a research assignment tailored to individual interests. *Open to all first-year students, this course satisfies the Writing 125 requirement and counts as a unit for the Group A distribution requirement and the German Studies major. Includes an extra session each week.*

Ms. Ward

201-202 (1-2) Intermediate German

Practice in all language skills with special emphasis on idiomatic usage. Thorough grammar review, practice in classroom and language laboratory, readings on contemporary cultural topics, extensive composition practice. Three periods. *No credit will be given for this course unless both semesters are completed satisfactorily. Students who have a high grade in 201 may be advised to enter 212 at mid-year. Prerequisite: one to two admission units and placement exam, or German 101-102 [100].*

Ms. Leventhal

211-212 (1-2) Studies in Language and Culture

An advanced intermediate track. Discussion of literary and other cultural texts from the period 1888 to the present with emphasis on autobiographical writing. Thorough grammar review. Stress on vocabulary building, oral practice, as well as self-expression through writing. Three periods. *No credit will be given for this course unless both semesters are completed satisfactorily. Prerequisite: two to three admission units and placement exam, or permission of the department. Permission will be based on a high grade in [102]. One may not enter 211-212 after completing 201-202 [102-103].*

Ms. Ward (211), Mr. Nolden (212)

231 (1) Advanced Grammar and Writing Skills

Designed for students with at least four semesters of language training or the equivalent. Major goal is to improve grammar as well as idiomatic communication at the advanced level. Assignments will progress in sophistication from summarizing ideas or reporting experience, to composing logically-argued essays. *Required for the majors in German Language and Literature and in German Studies unless exempted by the department by virtue of linguistic proficiency. Prerequisite: 201-202 [102-103], or 211-212 [104-105], or placement examination.*

Mr. Nolden

260 (2) Critical Interpretation: Epochs, Genres and Methods

An introduction to the study of German literature. Designed to develop skills in critical interpretation through close readings of texts that represent the main literary genres: epic, dramatic and lyric. The survey of lyric poetry will provide a chronological overview of the most important epochs of German literature. We will explore a variety of critical methods. Three periods. *Required for the majors*

in German Language and Literature and in German Studies. *Prerequisite:* 231 [200] or by permission of the department. Not open to students who have taken [205].

Mr. Hansen

265 (1) Clashing Myths in German Culture (in English)

Mythology from the Classical and Norse traditions as a subject of inquiry in modern German thought and as thematic material in literature, opera, philosophy, psychology and social thought. Includes theories of myth, some classical myths, a study of specific Norse myths, myth in Wagner, Nietzsche, Freud, Jung, Hesse, and Thomas Mann. Will include listening to two German operas. All texts read in English. *Open to all students. Not offered in 1993-94.*

Mr. Hansen

273 (1) Berlin in the Twenties

The capital of Berlin during the Weimar Republic as the center of German cultural activity in the 1920s. Topics include: political and social change within the economic dislocation caused by World War I; Berlin's urban milieu as the backdrop for avantgarde culture; the rise of National Socialism. Texts and issues from various media: autobiography, fiction, theater, cabaret, film, art and architecture. *Prerequisite:* 231 [200] or by permission of the instructor.

Ms. Ward

274 (2) Postwar German Culture

A survey of cultural, social, and political developments in Germany since 1945. Texts will be drawn from literature, history, and autobiography. Special emphasis on advanced skills of reading and writing German. *Prerequisite:* 231 [200] or by permission of the instructor. Not offered in 1993-94.

Mr. Hansen

275 (2) Kafka and Mann (in English)

The course will explore a selection of major works by two literary giants of the twentieth century, Franz Kafka (1883-1924) and Thomas Mann (1875-1955). Texts will include one novel and several short works by each. Lectures, discussions in English. Reading and writing in English or German. Students who wish to receive credit toward the major in German Language and Literature or German Studies should inform the instructors. *Open to all students. Not offered in 1993-94.*

Mr. Hansen and Mr. Kruse

277 (1) Romanticism

The impact of Romantic thought on literature and society from the late eighteenth through the mid-nineteenth century. Emphasis on lyric poetry and short prose forms including fairytales, novels, fragments, letters. Attention to the special role of women in the German Romantic movement and their impact on both literary and social forms. Themes to be considered: discovery of the unconscious, fantasy, androgyny, "Geselligkeit." *Prerequisite:* 260 [205] or permission of the instructor. Not offered in 1993-94.

Ms. Ward

278 (2) Literature and Film

Twentieth-century narrative texts—from Thomas Mann's *Der Tod in Venedig* to Peter Schneider's *Der Mauer Springer*—are examined in conjunction with their film counterparts. Text and film will be analyzed and discussed in their historical, political and cultural context. We shall explore the comparative problems of textual and visual narrative as artistic representations of reality. *Prerequisite:* 260 [205] or permission of the instructor. Not offered 1993-94.

Mr. Kruse

282 (2) Shaping of a Nation

The historical construction of German national identity from the eighteenth century to the present. Objects of inquiry: the competing notions of *Kultur* and *Staatsnation*; structure and role of national myths; the 'German question'; the 'other' Germany; processes of unification. Literary texts, political essays and documents, architecture, film. *Prerequisite:* 260 [205] or permission of the instructor.

Mr. Nolden

287 (1) German Short Prose (Märchen and Novelle)

A survey of short prose masterpieces from the 19th through the 20th centuries. Texts chosen demonstrate the aesthetic and social concerns of representative writers from major literary-historical periods (Romanticism, Realism, Naturalism, Turn-of-the-Century, Expressionism, post-War). Emphasis on the development of the *Novelle* genre and techniques of literary interpretation. *Prerequisite:* 260 [205] or permission of the instructor. Not offered in 1993-94.

Mr. Hansen

325 (1) Goethe

Texts from all phases of Goethe's literary career will be studied in their socio-historical context. Readings will include: poetry, dramatic works including *Faust*, and narrative works. *Prerequisite*: 260 [205] and one other Grade II unit above 260 [205] or permission of the instructor.

Mr. Kruse

329 (1) Eighteenth-Century Literature: Enlightenment, Storm and Stress, Classicism

Works in several genres reflecting historical developments as well as the complexity of socio-political and psychological concerns. Special emphasis on the relationship between the individual versus state authority. Major writers: Kant, Lessing, Goethe, Schiller. Complementary essays on German culture and politics by Thomas Mann will shed light on these many-sided problems. *Prerequisite*: 260 [205], and one other Grade II unit above 260 [205] or by permission of the instructor. Not offered in 1993-94. Offered in 1994-95.

349 (2) Seminar. German Exile Literature (1933-1945)

Exploration of the writers who were forced to flee Hitler and continue their literary productions outside Germany. Topics to be considered include the psychological crisis of exile and its effect upon the writers and their works; the recurring themes of anti-fascist literature; political and aesthetic concerns. Historical accounts, letters, memoirs, as well as primary texts, will be examined as documents of the literary life of this period. *Prerequisite*: one Grade III unit or by permission of the instructor.

Mr. Hansen

350 (1) (2) Research or Individual Study, 1 or 2

Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

Attention called

Extrdepartmental 330 (1)

Comparative Literature Seminar. The Fantastic in Literature.

Directions for Election

German 101-102 [100] is counted toward the degree but not toward the major. Intermediate level courses 201-202 [102-103] and 211-212 [104-105], are not ordinarily counted toward the major. Students who begin with intermediate-level work and wish to major may be encouraged at mid-year to advance from 201 [102] to 212 [105]. Majors in German Language and Literature are required to take 231 [200] or its equivalent, 260 [205], at least one Grade II course chosen from those above 260 [205]; either 325 [304] or 329 [305] (offered in alternate years) and at least one seminar (349).

Courses in art, music, philosophy, German history, English, and literature courses in other foreign languages are also recommended as supplements to the major.

German Studies

AN INTERDEPARTMENTAL MAJOR

Director: *Ward*

The major in German Studies is designed to provide the student with knowledge and understanding of the culture of Germany, Austria and Switzerland by acquiring proficiency in the German language and through the study of the literature, history, philosophy, music and art of these countries.

German Studies is an interdisciplinary major that offers students an alternative to the major in German Language and Literature. A student may construct her program individually from various courses devoted to some aspect of German culture offered by several departments. Students choose two major advisors, one from German and one from an allied field in another department. Programs must be approved by the German Department.

A minimum of 4 units above the intermediate level language courses must be taken in the German Department. Of these 231 [200] and 260 [205] are required. Only one course from those taught by the department may be in English. e.g. German 120/ Writing 125, 265, or 275. A seminar in the German department (349) is highly recommended. A 350 may not be substituted for the fourth unit. To give the major an historical base, one course in German history is required, whether or not that is the allied field. The major must include at least two Grade III units.

Electives may include additional courses in the German Department or any courses from the following or a 350. It is strongly recommended that two courses be drawn from a single allied field.

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Art 224 (2)

Modern Art

Art 331 (1)

Northern European Painting and Printmaking. *Not offered in 1993-94.*

Art 335 (1)

Seminar. Problems in Modern Art. Topic for 1993-94: Photography in the Twentieth Century. *With permission of department.*

History 217

The Making of European Jewry 1085-1815. *Not offered in 1993-94. Offered 1994-95.*

History 218 (1)

Jews in the Modern World, 1815-Present

History 236 (1)

The Emergence of Modern European Culture: The Seventeenth and Eighteenth Centuries. *Not offered in 1993-94.*

History 237

Modern European Culture: The Nineteenth and Twentieth Centuries. *Not offered 1993-94. Offered 1994-95.*

History 245 (1)

Germany in the Twentieth Century

History 334

Seminar. European Cultural History. *Not offered 1993-94. Offered 1994-95.*

History 338 (1)

Seminar. European Resistance Movements in World War II

History 367 (2)

Seminar. Jewish Ethnicity and Citizenship

Philosophy 223

Phenomenology and Existentialism. *Not offered 1993-94. Offered in 1994-95.*

Philosophy 300 (2)

Seminar in Modern Philosophy. Topic for 1993-94: Kant's Moral Philosophy

Political Science 205 (1)

Politics of Western Europe. *Not offered 1993-94.*

Political Science 303 (1)

Political Economy of the Welfare State. *With permission of department.*

Religion 340 (2)

Seminar. The Holocaust

Writing 125D/ German 120 (2)

Views of Berlin

Greek and Latin

Professor: *Lefkowitz (Chair), Geffcken, Marvin, Starr*

Associate Professor: *Rogers*

Assistant Professor: *Dougherty, Colaizzi*

Courses on the original languages are conducted in English and encourage close analysis of the ancient texts, with emphasis on their literary and historical values.

The departments reserve the right to place a new student in the course for which she seems best prepared regardless of the number of units she has offered for admission.

Qualified students are encouraged to spend a semester, usually in the junior year, at the Intercollegiate Center for Classical Studies in Rome. See p. 153, Directions for Election.

Greek

101 (1) Beginning Greek I

An introduction to Ancient Greek language. Four periods. *Open to students who do not present Greek for admission.*

Ms. Dougherty

102 (2) Beginning Greek II

Further development of language skills and reading from Greek authors. Four periods. *Prerequisite: 101 or [102] or equivalent.*

Ms. Dougherty

201 (1) Plato

Study of selected dialogues of Plato. Socrates in Plato and in other ancient sources; Socrates and Plato in the development of Greek thought. The dialogue form, the historical context. Selected readings in translation from Plato, Xenophon, the comic poets, and other ancient authors. Three periods. *Prerequisite: 101 and 102, [102] and [103], or two admission units in Greek, or by permission of the instructor.*

Mr. Colaizzi

202 (2) Homer

Study of selected books in Greek from Homer's Iliad or Odyssey, with emphasis on the oral style of early epic; further reading in Homer in translation; the archaeological background of the period. Three periods. *Prerequisite: 201.*

Miss Marvin

345 (1) Selected Topics

Topic for 1993-94: Herodotus. Herodotus' attempt to discover the reasons for the ancient hostility between Greece and Asia; his use of truth, fiction, anecdote, and legend in the construction of his narrative. Selected readings in Greek from the *Histories*. *Prerequisite*: 201 or 202 [205].

Mrs Lefkowitz

346 (2) Selected Topics

Topic for 1993-94: the Greek City. The role of the city in the formation and dissemination of Greek civilization. Selected readings about civic life and institutions. *Prerequisite*: 202 [205].

The Staff

350 (1) (2) Research or Individual Study 1 or 2

Open to seniors by permission.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

For Credit

Religion 298 (2)

New Testament Greek

Cross-Listed Courses

Attention Called

Classical Civilization 104 (1)(A)

Classical Mythology

Classical Civilization 115 (2)(A)

Women's Life in Greece and Rome

Classical Civilization 120/ Writing 125C (1)(A)

The Trojan War

Classical Civilization 235/335 (1) (B¹)

The Politics of the Past

Classical Civilization 236/336 (2) (B¹)

Greek and Roman Religion

Classical Civilization 241 (B¹)

Medicine. *Not offered in 1993-94.*

Classical Civilization 243 (2) (B¹)

Roman Law

Classical Civilization 310 (2)(A)

Greek Drama in Translation

Classical Civilization 345 (1)

Selected Topics. *Not offered in 1993-94.*

Classical Civilization 346 (2)

Selected Topics. Topic for 1993-94: the Greek City.

Extrdepartmental 200 (1)(A)

Classic Western Texts in Contemporary Perspective. *Not offered in 1993-94.*

History 229/329 (1)

Alexander the Great: Psychopath or Philosopher King?

History 230 (2)

Greek History from the Bronze Age to the Death of Philip II of Macedon.

History 231 (2)

History of Rome. *Not offered in 1993-94.*

Latin

101 (1) Beginning Latin I

Introduction to the Latin language; development of Latin reading skills. Four periods. *Open to students who do not present Latin for admission, or by permission of the instructor.*

Mr. Rogers

102 (2) Beginning Latin II

Further development of Latin reading and language skills. Four periods. *Prerequisite*: [100] 101.

Mr. Colaizzi

201 (1) Intermediate Latin I: Introduction to Vergil's *Aeneid*

Vergil's literary genius and vision of Rome. Reading of selected passages in Latin; systematic grammar review; background readings in translation; use of computerized Latin Reading Program, developed at Wellesley, with on-screen help for vocabulary, syntax, literary and historical background. Three periods. *Prerequisite:* [101] 102, or three admission units in Latin not including Vergil.

Mr. Starr

202 (2) Intermediate Latin II: Myth and Novel: Ovid and Petronius

Self-paced grammar review. Ovid's mythological epic, the *Metamorphoses*; his versions of famous myths; his view of love and presentation of women; different techniques of literary analysis. Petronius' satirical novel, the *Satyricon*; the city of Rome under the emperor Nero; reading in translation from other ancient novels. Three periods. *Prerequisite:* [200] 201, or three admission units in Latin.

Miss Geffcken

251 (1) Roman Drama

The popular, mass-audience comedy of Plautus; its Greek models and its context in Republican Rome. The high tragedy of Seneca; his re-creation of Greek tragedy in Imperial Rome. Readings in Latin from a comedy of Plautus and a tragedy of Seneca; other plays in translation. *Prerequisite:* [200] 201, [201] 202, or four admission units in Latin or three including Vergil, or by permission of the instructor.

Miss Geffcken

252 (2) Roman Poetry

Selected readings in Latin from principal authors such as Lucretius, Catullus, Vergil, Horace, Propertius, Tibullus, and Ovid. *Prerequisite:* four admission units in Latin or three including Vergil or [200] 201 or [201] 202 or 251 or by permission of the instructor.

Mr. Colaizzi

279/301 (1) Selected Topics

This course may be taken either as 279 or, with additional assignments, 301. Topic for 1993-94: Ovid's *Metamorphoses* and Narratology. Jason and Medea, Daphne and Apollo, Leda and the swan—just pretty stories or something more? This course will combine a close reading of

Ovid's *Metamorphoses* with discussions of narrative theory to ask how Ovid transforms these individual episodes into one continuous poem. The course will focus on issues such as metamorphosis as a literary trope, the rhetoric of violence, intertextuality, ekphrasis, narrative voice, mythological paradigmata, etc. *Prerequisite:* [224] or [225] or [249] or 279 with different topic or AP Latin score of 5 in the Latin Lyric examination or by permission of the instructor.

Ms. Dougherty

302 (2) Vergil's *Aeneid*

Intensive study of the *Aeneid* and Vergil's creation of a distinctly Roman, Augustan epic; his use of earlier works, such as Homer's *Iliad* and *Odyssey*, Apollonius' *The Voyage of the Argo*, and the Roman poet Ennius' *Annals*; his reflection on the reign of Augustus, the first Roman emperor. *Prerequisite:* [249] 279 or by permission of the instructor. Not offered in 1993-94.

Mr. Starr

304 (2) Lucretius' *De Rerum Natura*

Lucretius' re-creation in poetic form of the Epicurean view of human experience. *Prerequisite:* [249] 279. Not offered in 1993-94.

310 (2) Livy's Early Rome

Livy's vision of early Rome, his use of legend and myth; his historical judgment, and literary techniques. Comparative readings from Propertius and Ovid. Recent development in the archaeology of early Rome. *Prerequisite:* [249] 279.

Miss Geffcken

316 (2) The Effects of Power and Authority in the Empire

How Tacitus and Juvenal understood the Roman Empire. Tacitus' career and its effect on his approach to history; his literary techniques. Juvenal's picture of the debasement of Roman society and life. *Prerequisite:* [249] 279. Not offered in 1993-94.

350 (1) (2) Research or Individual Study 1 or 2
Open to seniors by permission.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

Attention Called

Classical Civilization 104 (1)(A)
Classical Mythology

Classical Civilization 115 (2)(B¹)
Women's Life in Greece and Rome

Classical Civilization 120/ Writing 125B (1)(A)
The Trojan War

Classical Civilization 235/335 (1)(B¹)
The Politics of the Past

Classical Civilization 236/336 (2)(B¹)
Greek and Roman Religion

Classical Civilization 241 (B¹)
Medicine. *Not offered in 1993-94.*

Classical Civilization 243 (2) (B¹)
Roman Law

Classical Civilization 310 (2)(A)
Greek Drama in Translation

Classical Civilization 345 (1)
Selected Topics. *Not offered in 1993-94.*

Classical Civilization 346 (2)
Selected Topics: Topic for 1993-94: The Greek City.

Extradepartmental 200 (1)(A)
Classic Western Texts in Contemporary Perspective. *Not offered in 1993-94.*

History 229/329 (1)
Alexander the Great: Psychopath or Philosopher King?

History 230 (2)
Greek History from the Bronze Age to the Death of Philip II of Macedon

History 231 (2)
History of Rome. *Not offered in 1993-94.*

Directions for Election

To fulfill the distribution requirement in Group A, students may elect any courses in Greek or Latin or Classical Civilization except History 100 230, 231 or Classical Civilization that fulfill the requirement in Group B¹.

All students majoring in Greek must complete four units of Grade III work.

All students majoring in Latin are required to complete three units of Grade III work. 302, offered in alternate years, is *strongly* recommended.

Latin students who offer an AP Latin score of 5 in the Latin Lyric examination should normally elect 279 [249]; an AP score of 5 or 4 in the Vergil examination usually leads to 251 [224]. A student with a score of 4 in AP Latin Lyric examination should consult the Chair regarding placement.

Students majoring in Greek or Latin are advised to elect some work in the other language. It should be noted that work in both Greek and Latin is essential for graduate studies in the classics.

Courses in ancient history, ancient art, ancient philosophy, and classical mythology are recommended as valuable related work. Students interested in a major in Classical and Near Eastern Archaeology are referred to p. where the program is described.

Students who wish to major in Classical Civilization can plan with the department an appropriate sequence of courses, which might include work in such areas as art, history, philosophy, and literature. Such a program should always contain at least four units of work in the original language. For details on the Classical Civilization major, see p. 111.

The departments offer a choice of two plans for the Honors Program. Plan A (Honors Research, see 360 and 370 above, carrying two to four units of credit) provides the candidate with opportunity for research on a special topic and the writing of a long paper or several shorter papers. Plan B provides an opportunity for the candidate to show through examinations at the end of her senior year that she has acquired a superior grasp, not only of a basic core of texts, but also of additional reading beyond course requirements. Plan B carries no course credit, but where appropriate, students may elect a unit of 350 to prepare a special author or project which would be included in the Honors examinations.

Honors candidates who are Classical Civilization majors should elect Plan B.

The College is a member of the Intercollegiate Center for Classical Studies in Rome, a program for American undergraduates in classical languages, ancient history and topography, archaeology, and art history. Majors, especially those interested in Roman studies, are urged to plan their programs so as to include a semester at the Center in the junior year.

Students interested in obtaining certification to teach Latin and Classical Humanities in the Commonwealth of Massachusetts should consult Miss Geffcken or Mr. Starr in the Departments of Greek and Latin, and the Chair of the Department of Education.

History

Professor: Auerbach, Cohen^{A2}, Knudsen
(Chair), Malino, Park, Tumarkin

Associate Professor: Kapteijns^{A2}, Rogers

Barnette Miller Visiting Associate Professor:
Spalding

Assistant Professor: Leyser^{A1}, Matsusaka,
Shenman, Tien^A

Instructor: Varon

100 (1) Introduction to Western Civilization

A survey of western culture and society from the age of the pyramids to the Renaissance and Reformation. Emphasis on the elements that combined to make western civilization unique: the rich heritage of Egyptian, Greek and Roman antiquity, the vital religious traditions of Judaism and Christianity, and the dynamic culture of the Germanic peoples of the North. Students must register for two lectures and one conference section. *Open to all students who have not taken 200.*

Ms. Park and the Staff

103 (2) History in Global Perspective: Cultures in Contact and Conflict

An introduction to the study of history, covering several different time periods and global in scope (Africa, East Asia, the Middle East, Europe and the Americas). The focal theme is the contact and conflict *within* and *between* cultures. Taught by entire department in lectures and panels, and in conference sections. Students must register for two lectures and one conference. *Open to all students. Satisfies the multicultural requirement. The Staff, Mr. Shenman, Mr. Matsusaka, sections*

201 (2) Modern European History

An introduction to the great transformations in European history since 1600. Themes include: the rise and decline of European empires from Charles V to Gorbachev; industrialization and the decline of rural Europe; political dissent and social revolution; changing views of God, man, woman, happiness, sex and death. *Open to all students who have not taken 101.*

Mr. Shenman

203 (1) History of the United States, 1607-1877

A survey of the social, cultural, and institutional dimensions of American history from the colonial period through the Civil War and Reconstruction. Special attention to recurrent themes

in the pattern of America's past: immigration, racial and cultural conflict, urbanization, reform. *Open to all students, except those who have taken History 102.*

Ms. Varon

204 (2) History of the United States, 1877-1968

The emergence of an urban industrial society; tension between traditional values and social change; development of the welfare state; issues of war and peace; the boundaries of conservative reaction, liberal reform and radical protest, from the 1880's to the 1960's. *Open to sophomores, juniors and seniors.*

Mr. Auerbach

206 (1) Introduction to Latin American

Civilization An examination in historical context of major social and political issues of Latin America, as portrayed by its artists and writers of both folk and elite cultures. Topics include the representation of social images and values, *mestizaje*, political values, Indian peasant cultures, and contemporary political movements. *Open to all students. Satisfies the multicultural requirement. Not offered in 1994-95.*

Ms. Spalding

217 The Making of European Jewry 1085-1815

A study of the Jewish communities of Western and Eastern Europe from the reconquest of Toledo to the end of the Napoleonic era. Topics include medieval Jewish communities, their dispersion, the differentiation of Eastern and Western Jewry, persecution and toleration, secularism, religious revivalism and mysticism, and the emancipation of the Jews during the French Revolution. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Ms. Malino

218 (1) Jews in the Modern World, 1815-Present

A study of the demographic, cultural and socioeconomic transformation of the Jewish communities of Western and Eastern Europe. Topics include the struggle for emancipation, East European Jewish enlightenment, immigration, acculturation and economic diversification; also the emergence of anti-Semitism in the West and East, Zionism, the Holocaust and the creation of the state of Israel. *Open to all students.*

Ms. Malino

219 (2) The Jews of Spain and the Lands of Islam

The history of the Jews in the Arab, Persian and Ottoman lands from the early centuries of Islam to the modern era. Topics include the emergence of "Oriental" Jewry; the intellectual flowering of the Jews of Muslim Spain; the repercussions of their diaspora and the widening gap between the Jews of Europe and their co-religionists in North Africa, India, and the Middle East. *Open to all students. Satisfies the multicultural requirement.*

Ms. Malino

223 From Closed World to Infinite Universe

A history of science and medicine in Europe between 1100 and 1700. The revival of classical ideas on nature in the 12th century, their flowering and transformation in the high Middle Ages, and the emergence of new explanatory systems during the Scientific Revolution. Authors to be read include Nicole Oresme, Leonardo da Vinci, Paracelsus, Copernicus, Galileo, Descartes, and Newton. *Open to qualified first-year students (see Directions for Election) and to all others without prerequisite. Not offered in 1993-94. Offered in 1994-95.*

Ms. Park

229/329 (1) Alexander the Great: Psychopath or Philosopher King?

Alexander the Great murdered his best friend, married a Bactrian princess, and dressed like Dionysus. He also conquered the known world by the age of 33, fused the eastern and western populations of his empire, and became a god. This course will examine the personality, career, and achievements of the greatest conqueror in Western history against the background of the Hellenistic World. This course may be taken as either 229 or, with additional assignments, 329. *Open to all students.*

Mr. Rogers

230 (2) Greek History from the Bronze Age to the Death of Philip II of Macedon

The origins, development, and geographical spread of Greek culture from the Bronze Age to the death of Philip II of Macedon. Greek colonization, the Persian Wars, the Athenian democracy, and the rise of Macedon will be examined in relation to the social, economic, and religious history of the Greek polis. *Open to all students.*

Mr. Rogers

231 History of Rome

Rome's cultural development from its origins as a small city state in the 8th century B.C.E. to its rule over a vast empire extending from Scotland to Iraq. Topics include the Etruscan influence on the formation of early Rome, the causes of Roman expansion throughout the Mediterranean during the Republic, the Hellenization of Roman society, the urbanization and Romanization of Western Europe, the spread of mystery religions, the persecution and expansion of Christianity, and the economy and society of the Empire. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Mr. Rogers

232 (2) The Making of the Middle Ages

A survey of the transformations around the Mediterranean which mark the passage from the Late Antiquity to the Middle Ages. A unified Classical world disintegrates: western, Byzantine and Islamic societies define themselves in relation to the Roman imperial past, and to each other. Comparative work on subjects such as gender roles, rhetoric and asceticism. Readings from primary texts in translation, study of manuscript illumination and architecture. *Open to all students. without prerequisite.*

Mr. Leyser

233 (2) Renaissance Italy

Italian history and culture from the age of Petrarch and Boccaccio to the age of Michelangelo and Machiavelli. The new urban civilization of late medieval Italy as a background to Renaissance art, literature, and philosophy. Topics include the commercial revolution, the Black Death, republicanism and civic humanism, patronage and art, courtly culture and theories of princely power, the Counter-Reformation church. *Prerequisite: same as for 223.*

Ms. Park

235 (1) Utopia: Thought and Culture in Medieval and Renaissance Europe

An introduction to the cultural and intellectual history of medieval and Renaissance Europe, viewed through contemporary writing on ideal or alternative societies. Themes include the conflict of monastic and civil ideals, the role of gender, the revival of classical antiquity, European attitudes toward non-European cultures, and the impact of the Scientific Revolution. *Open to all students.*

Ms. Park

236 The Emergence of Modern European Culture: The Seventeenth and Eighteenth Centuries

A comparative survey of Enlightenment culture in England, France, and the Germanies. Topics include skepticism, the scientific revolution, classicism in art, the formation of liberal society, the differing social structure of intellectual life. The approach is synthetic, stressing the links between philosophy, political theory, art, and their historical context. Authors read include: Locke, Hume, Voltaire, Diderot, Rousseau, Lessing, Kant, Goethe. *Prerequisite: same as for 223. Not offered in 1993-94.*

Mr. Knudsen

237 Modern European Culture: The Nineteenth and Twentieth Centuries

A survey of European culture from the French Revolution to the post-World War II period, from idealism to existentialism in philosophy, from romanticism to modernism in art and literature. As with 236, emphasis is placed on the social and historical context of cultural life. Authors read include: Wordsworth, Hegel, Marx, Mill, Nietzsche, Freud, Merleau-Ponty. *Prerequisite: same as for 223. Not offered in 1993-94. Offered in 1994-95.*

Mr. Knudsen

238 Invasion and Integration: British History, 400-1300

The British Isles: a beleaguered Roman imperial province in the fifth century; in the thirteenth, the theatre of operations of one of the most powerful monarchies in the West. The transactions between successive invaders and inhabitants, Christian ascetics and pagan warriors; the fabulous wealth of England. Readings from primary texts in translation, discussion of visual and archaeological evidence. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Mr. Leyser

239 (2) Imperialism and Revolution: British History 1300-1700

The imperialist ambitions of the English elite in the British Isles and beyond—set against the revolutionary interventions of peasants, heretics, Puritans, and regicide radicals. Comparative discussion of medieval and early modern modes of social conflict, especially in relations to religious change. Readings from primary texts of all genres: chronicles, lives, letters, wills, plays tracts, prayers. *Open to all students.*

Mr. Leyser

244 History of Modern France, 1789-1981

Exploration of major themes in the social and political history of France since 1789. Topics include: the French Revolution and the revolutionary tradition; industrialization and urbanization in the 19th century; culture and lifestyles during the *fin-de-siècle*; social and economic impact of the world wars; resisters and collaborators in World War II; modernization and decolonization since 1945. *Prerequisite: same as for 223. Not offered in 1993-94. Offered in 1994-95.*

Mr. Shennan

245 (1) Germany in the Twentieth Century

An examination of German politics, society, and culture from World War I to the present. The course concentrates on the greater German language area—including the post World War II Federal, German Democratic, Austrian republics and treats Central Europe since unification. *Prerequisite: same as for 223.*

Mr. Knudsen

246 (1) Medieval and Imperial Russia

A thousand-year-long trip through the turbulent waters of Russian history, from the Viking incursions of the ninth century, to the Mongol invasion, the reigns of legendary rulers such as Ivan the Terrible, Peter the Great and Catherine the Great, until the mid-nineteenth century, when the Russian Empire is seen as the world's most powerful state. Special emphasis on Russian art and literature. *Open to all students.*

Ms. Tumarkin

247 (2) Modern Russia and the Soviet Union

A bracing exploration of Russia in turmoil, beginning in the mid-nineteenth century, with the empire heading through reform to revolution, and then on to the grand—and brutal—socialist experiment of Lenin, Stalin, Khrushchev and Brezhnev, ending with the Gorbachev debacle and the collapse of the Soviet Union. *Open to all students.*

Ms. Tumarkin

250 Race and Ethnicity in Early America

An examination of the emergence of a multi-racial, multi-ethnic society in British North America, from 1607 to 1776. Discussion of voluntary and involuntary migration, the pattern of colonial settlement, areas of cultural conflict, the emergence or racial and ethnic consciousness,

cultural adaptation, and the development of "American" culture. *Not offered in 1993-94.*

Ms. Tien

251 Nationhood and Nationalism: America, 1750-1850

An exploration of national identity in the early republic. Examination of how separate colonies with distinct interests came together as one nation; discussion of the definitions and limits of nationhood. Emphasis on unifying and divisive factors in the construction of the nation: colonial religion, the Enlightenment, the War for Independence, republicanism, Washington and Jefferson, the market revolution, slavery, reform. *Open to all students. Not offered in 1993-94.*

Ms. Tien

257 (1) History of Women and Gender

The history of American women, from the colonial period to the present, with a focus on race relations, women's involvement in politics, and the changing nature of women's work. Topics include colonization and revolution; the construction of the private and public "spheres"; religion and moral reform; slavery and antislavery; women's health and sexuality; industrialization and urbanization; immigration and migration; women and war; and feminism and civil rights. *Open to all students.*

Ms. Varon

258 (2) Freedom and Dissent in American History

An exploration of ideas of freedom and patterns of political and religious dissent since the founding of the nation. Special attention to the expanding and contracting constitutional boundaries of free expression. Among the issues to be examined: radical dissent; wartime censorship; campus hate speech and racial vilification; individual rights and state power. *Open to sophomores, juniors and seniors.*

Mr. Auerbach

263 South Africa in Historical Perspective

An analysis of the historical background of Apartheid, focusing on the transformation of the African communities in the period of commercial capitalist expansion (1652-1885), and in the industrial era (1885-present). Important themes are the struggle for land and labor; the fate of African peasants, labor migrants, miners and domestic servants; the destruction of the African family, and the diverse expressions of African

resistance. Short stories and poetry are among the sources used. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94.*

Ms. Kapteijns

264 The History of Precolonial Africa

The development of increasingly complex societies from gathering and hunting groups and stateless societies to city-states and kingdoms. Introduction to the wide variety of source materials available to the African historian. Themes include the spread of Islam in Africa, the rise of towns and a middle class, the massive enslavement of African people, and the changing social relationships between old and young, men and women, nobles and commoners, and free-born and slaves in precolonial Africa. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Ms. Kapteijns

265 History of Modern Africa

Many of Africa's current characteristics are the heritage of its colonial experience. This course will deal with the different types of colonies from those settled by European planters to the "Cinderellas" or minimally exploited ones and will trace African responses to colonial rule up to the achievement of political independence. For the post-colonial period, the emphasis will be on an analysis of neo-colonialism and the roots of poverty, the food crisis, population growth, AIDS, and the structural weaknesses of the African state. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Ms. Kapteijns

268 (1) The Origins of Japanese Big Business: A Comparative Perspective

This course examines in comparative perspective the early history of the zaibatsu, the institutional ancestors of such present-day enterprise groups as Mitsui, Mitsubishi, Sumitomo and Nissan. It explores the Japanese case with reference to American and European patterns in the development of large-scale business institutions. While business history is an essential element of this course, we will also consider the social and political ramifications of the growth of corporate institutions in the early twentieth century. Topics covered include the "late developer" thesis, Alfred Chandler's model of the evolution of American business institutions, government-business relations, and the rise of popular antip-

athy toward big business. *Open to sophomores, juniors, and seniors.*

Mr. Matsusaka

270 Japan Before 1840

A survey of Japanese history from earliest time to the middle of the nineteenth century. This course explores the origins of the Japanese people, the early state, introduction of Chinese culture and politics, the emergence of "classical" Japanese civilization of the Heian; warrior society and culture, the evolution of medieval institutions, and the nature of Japanese feudalism; the rise of endemic warfare and its contribution to economic growth, urbanization, political centralization; institutions of Tokugawa era and emerging trends of internal change before the Opium War. Insofar as possible, it attempts to offer an evenhanded treatment of political, economic, social and cultural developments. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Mr. Matsusaka

271 (1) Modern Japan 1840-1960

A survey of Japanese history from late Tokugawa to industrial recovery and national rehabilitation after the Second World War. This course offers a broad chronological coverage of events and trends, while emphasizing the nation-building process of the Meiji era, the rise of Japan as an imperial power in East Asia, the emergence of competing national visions in the troubled 1920s, the creation of new order in the 1930s, and finally, war and reconstruction. It explores thematically three general questions: What accounts for Japan's remarkable economic achievements throughout its modern history? How do we explain the ultimately catastrophic impulses to expansion and war? In what ways are these two developments related? *Open to all students. Satisfies the multicultural requirement.*

Mr. Matsusaka

272 (1) Religion and Revolt in Latin America, 1492-1750

The struggle for the "hearts and minds" of the native peoples of Latin America during the Spanish colonial period. We will use original sources to study the campaigns to convert the native peoples to Christianity, as well as the relationship between the Church, the colonial state and the indigenous population. *Prerequisite: same as for 223. Satisfies the multicultural requirement. Not offered in 1994-95.*

Ms. Spalding

273 (2) The Past as Present in Latin America

An exploration of the roots of the current situation in several Latin American countries presently facing crises or major problems. Topics include problems of class definition and conflict, forms of social and political organization and expression, and relations with the international system dominated by the United States. *Prerequisite: same as for 223. Satisfies the multicultural requirement. Not offered in 1994-95.*

Ms. Spalding

274 (2) The Cinema of Social Consciousness in Latin America

An examination of the work of film-makers who have chosen to dramatize social and political issues in addition to entertaining or expressing artistic values. Classes will address the problem of combining artistic and political concerns and the techniques used to achieve that objective. Students will be expected to confront both aspects of the work. *Prerequisite: same as for 223. Satisfies the multicultural requirement. Not offered in 1994-95.*

Ms. Spalding

275 (1) Imperial China

After a survey of earlier developments in Chinese history, the course will focus on the period from late Ming (ca. 1600) to the eve of the revolution of 1911. Emphasis on both internal and external sources of change: the growing commercialization of Chinese society, unprecedented population expansion, the doubling of the size of the Chinese empire in the 18th century, indigenous intellectual and cultural developments, the political-economic-intellectual impact of the West and the progressive break-down of Chinese society and polity in the 19th century. *Open to all students. Satisfies the multicultural requirement.*

Mr. Cohen

276 China in Revolution

An introduction to the revolutionary changes that have swept China in the 20th century. Among topics to be covered: the revolution of 1911 and its meaning; warlordism and the militarization of Chinese politics; May Fourth cultural, intellectual, and literary currents; Chiang Kai-shek and the Guomindang; Mao Zedong and the early history of the Communist movement; social and economic changes; World War II; the Communist triumph in 1949 and major developments since; Tiananmen and future problems. *Open to all students. Satisfies the multicul-*

tural requirement. Not offered in 1993-94. Offered in 1994-95.

Mr. Cohen

284 (1) The Middle East in Modern History

Themes in the political, socio-economic, and intellectual history of the modern Middle East (Turkey, Lebanon, Israel, Egypt, Saudi Arabia and Iran) from 1918 to the present. The formation of the modern nation states after World War I, the historical background of major political and socio-economic issues today, including the impact of the oil boom, labor migration, changing social roles of women, and urbanization. Themes in the history of ideas include nationalism, politicized Islam, and the movement for women's emancipation. Poetry, short stories and novels are among the sources used. *Open to all students. Satisfies the multicultural requirement.*

Ms. Kapteijns

286 Islamic Society in Historical Perspective

Introduction to the rich mosaic of Islamic society from the time of the Prophet to the First World War. Through the study of a wide variety of "building blocks" of Islamic society—from nomadic camp to metropole, from extended family to state bureaucracy, and from Islamic courts of law to Sufi brotherhoods—students will gain insight into some major themes of the political, religious, and socioeconomic history of the Islamic world from the rise of Islam to the establishment of colonial rule. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94.*

Ms. Kapteijns

291 (1) 1968: The Pivotal Year

Within a single year the Tet offensive in Vietnam, the assassinations of Martin Luther King, Jr. and Robert F. Kennedy, and the election of Richard M. Nixon transformed American foreign and domestic policy, ending an era of liberal internationalism and domestic reform. Exploration of how, and why, it happened. Consideration of current political and intellectual trends—from President Clinton to political correctness—that reflect the continuing impact of the 1960s on American public life. *Open by permission of the instructor to students with a background in twentieth century American history. Not open to students who have taken 311.*

Mr. Auerbach

292 (2) Sectionalism, The Civil War and Reconstruction

An examination of the political and social history of America from 1850 to 1877, with an emphasis on the rise of the "free labor" and "states rights" ideologies; the changing nature and aims of war; developments on the home front; the transition from slavery to freedom; and the struggle for economic self-determination and political enfranchisement during Reconstruction. *Open to all students.*

Ms. Varon

295 (1) International Relations of the West, 1789-1962

Historical introduction to the development of international relations from the outbreak of the French Revolution to the Cuban Missile Crisis: the Napoleonic Wars and the nineteenth century balance of power; the diplomacy of national unification and imperialist expansion; the origins of World Wars I and II; the emergence of Russian and American superpowers; the Cold War and European decline. *Prerequisite: same as for 223.*

Mr. Shennan

298 (2) Totalitarianism

A venture into the Age of Dictators, a dramatic and grisly era that is today a symbolic touchstone for Europe's neo-fascists. Main focus is on Mussolini's Italy, Hitler's Germany, and the Soviet Union under Stalin, as well as depictions of totalitarianism in the arts, including cinema. *Open to all students.*

Ms. Tumarkin

324 (2) Seminar. Comparative Colonialisms: Spanish America, the Philippines, India, 1500-1850

A comparative examination of the relations between colonial systems and local societies in three colonial regions. Themes include the similarities and differences between earlier and later colonial systems, mechanisms of colonial rule, transformation of native societies and cultures, and creation by colonial rulers of a distinct historical past, and forms of resistance to colonialism. *Prerequisite: same as for 327. Satisfies the multicultural requirement. Not offered in 1994-95.*

Ms. Spalding

326 (1) Seminar. American Jewish History

The development of American Jewish life and institutions, from European immigration to the present. Particular attention to the pressures, pleasures, and perils of acculturation. Historical and literary evidence will guide explorations into the social and political implications of Jewish minority status in the United States. The impact of Israel on the consciousness of American Jews will be considered. *Open to sophomores, juniors and seniors. Not open to students who have taken 256.*

Mr. Auerbach

327 (1) Zionism and Irish Nationalism: A Comparative Perspective

Emergence and evolution of Zionism and Irish nationalism in the 19th and 20th centuries. Poets, ideologues, charismatic leaders; immigration and diaspora. Political, social, religious and ideological trends in modern Israel and in Ireland. Comparisons and contrasts. *Prerequisite: Open to juniors and seniors and to sophomores by permission of the instructor. Satisfies the multicultural requirement.*

Ms. Malino

328 Anti-Semitism in Historical Perspective

Historical antecedents and sources of modern anti-Semitism. Topics include pre-Christian anti-Semitism, attitudes of Christianity and Islam, the ambiguous legacy of the Enlightenment. Attention to the impact of revolution, modernization and nationalism in the emergence of political anti-Semitism. Jewish responses to anti-Semitic policies and events as well as developments during and after World War II. *Prerequisite: same as for 327. Not offered in 1993-94. Offered in 1994-95.*

Ms. Malino

330 Seminar. Medieval Europe

Topic for 1994-95: The Eleventh-Century Revolution. The sudden construction of a new social order in western Europe after the year 1000—the enduring framework for subsequent European power and civilization, in particular the flowering of high culture known as the twelfth-century renaissance. Topics for discussion include cities, peasants, inheritance, apocalypticism, avarice and celibacy. Close readings of primary texts in translation, and a critical survey of classic and recent historiography. *Open to juniors, seniors and to sophomores by permission of the instructor. Preference given to Medieval/*

Renaissance Studies majors. Not offered in 1993-94. Offered in 1994-95.

Mr. Leyser

333 Seminar. Renaissance Florence

Study of the social, political, and economic crises that served as the background and impetus to the intellectual and artistic flowering of the Florentine Renaissance. Examination of the structure of Florentine society, and in particular of the life and mentality of the patrician families whose patronage and protection fueled the “golden age” of Florentine culture. *Prerequisite: 233 or permission of the instructor. Not offered in 1993-94. Offered in 1994-95.*

Ms. Park

334 Seminar. European Cultural History

Topic: Cultural Boundaries, 1500-1900. We will use historical studies and recent theory in the social sciences to explore the formation of group identity and the division between high and low culture. Of special concern to us will be the way the state and particular groups have shaped, controlled, and disseminated licit and illicit knowledge. Historical topics include the world of Rabelais, religious radicalism in the English civil war, the witchcraft “craze” of the seventeenth century, censorship and the state, literary Bohemia and social radicalism in the nineteenth century, eugenics and racial theory after Darwin. *Prerequisite: same as for 327. Not offered in 1993-94. Offered in 1994-95.*

Mr. Knudsen

338 (1) Seminar. European Resistance Movements in World War II

Comparative examination of resistance to Nazi Germany in nations of western and eastern Europe, based on clandestine press, memoirs and diaries, fictional recreations and a rich scholarly literature. Questions to be addressed include: what constituted resistance? why did individuals chose to resist? what did organized resistance movements achieve? what was the role of particular groups such as women, communists, and Jews? Emphasis will be on identifying and understanding national or regional variations. *Prerequisite: same as for 327.*

Mr. Shennan

341 (2) Seminar. The Nature and Meanings of History

Introduction to modern historical writing with an emphasis on the tendencies and counter-

tendencies in the 20th-century European tradition. Particular concern with patterns of historical explanation as adopted by practicing historians: individual and collective biography, demography and family reconstruction, psycho-history, Marxism. *Prerequisite: same as for 327.*

Mr. Knudsen

342 (1) Seminar. Women, Work and the Family in African History

Examination of women's work in the small-scale and state societies of precolonial Africa; the transformation of the existing division of labor as a result of colonial domination. Analysis of historiographical trends in African women's history; case studies from throughout the continent; student interpretation of a variety of historical sources, including oral histories and women's songs. *Prerequisite: By permission of the instructor. Satisfies the multicultural requirement.*

Ms. Kapteijns

343 Seminar. History of Israel

An exploration of the historical formation and development of Jewish statehood, from Biblical promise to modern reality. Consideration of Jewish settlement in the land of Israel; the nature of the Zionist revolution; the evolution of a modern state within the boundaries of an ancient homeland; relations with Arabs; and continuing efforts to define the nature and purpose of a Jewish national home. *Open to sophomores, juniors and seniors. Not open to students who have taken 290. Not offered in 1993-94. Offered in 1994-95.*

Mr. Auerbach

344 (2) Seminar. Japanese History

Topic for 1993-94: Militarism in Modern Japan. This seminar explores the evolving role of the army as a professional military organization as well as a major social and political interest group in Japan during the early twentieth century. It gives special consideration to the contributions of national defense policy, radical ideology and social protest as ingredients in the phenomenon commonly described as "militarism" or "military fascism." The discussion will introduce comparative material from the American and European experiences. *Prerequisite: 271.*

Mr. Matsusaka

345 (2) Seminar. The American South

Topic for 1993-94: Race and Region in U.S. History. An exploration of Southern history

from the colonial period to World War I. Topics include slavery and racism in the colonial period; the nature of the southern ruling class; the experiences of African-Americans enslaved and free; the construction of gender; sectionalism and the confederate war effort; the impact of emancipation; labor relations and politics during reconstruction; and debates over change and continuity in the New South. *Prerequisite: open to juniors and seniors and to sophomores by permission of the instructor.*

Mr. Varon

346 China and America: The Evolution of a Troubled Relationship

The persistent theme of misunderstanding and conflict in relations between China and the U.S. as countries and Chinese and Americans as people will be explored through such topics as: the treatment of Chinese in 19th-century California, the Open Door policy and U.S. exclusion laws, the depiction of Chinese in American film and literature, China and the U.S. as allies in World War II, McCarthyism and the re-emergence of anti-Chinese feeling in the 1950s, the fallout from Tiananmen. *Prerequisite: same as for 327. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Mr. Cohen

347 (1) The Cultural Revolution in China

The Cultural Revolution approached on three levels: as a major event in recent Chinese history, with its specific causes, nature, and consequences; as individual experience reflected in memoirs, recollections, fiction; and as a set of myths generated and communicated by China's leadership, the Chinese people, and foreign observers. Attention to the distinctive characteristics of each of these modes of historical representation. Concludes with a comparison of the Cultural Revolution to other major historical events. *Enrollment limited to 20. Prerequisite: same as for 327. Satisfies the multicultural requirement.*

Mr. Cohen

348 (2) Seminar. History of Medicine

Topic for 1993-94: Plagues and Peoples: From Leprosy to AIDS. An exploration of the history of social, medical, and cultural responses to epidemic diseases, focussing on the medieval and early modern period and on the historical origins of our society's reaction to AIDS. Emphasis on Europe and the United States, with some comparative material on non-western responses and

experiences. *Open to juniors and seniors with at least two courses in European or U.S. history.*

Ms. Park

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

352 Seminar. Tiananmen as History

Tiananmen, the name of the central square in Beijing, is also shorthand for the protest demonstrations and crackdown that shook China in spring 1989. Why has Tiananmen become a watershed event in China's recent history? What were the causes of the demonstrations? The severity of the government's response? Why did "1989" take such different forms in China and in Eastern Europe? These and other questions will be probed via firsthand accounts, scholarly analyses, videotapes, and participant interviews. *Prerequisite: same as for 327. Not offered in 1993-94 or 1994-95.*

Mr. Cohen

354 Seminar. Family History

The American family as a social and cultural institution, from the colonial period to the present. Topics include the methodology of family history, household structure, the family economy, domestic relations, childhood and childbearing, and tensions between the family and the individual. Emphasis on primary sources: diaries, sermons, family letters, censuses, wills, children's literature, household manuals, fiction. *Prerequisite: same as for 327. Not offered in 1993-94. Offered in 1994-95.*

Ms. Tien

356 (1) Seminar. Russian History

Topic for 1993-94: Russia Under the Romanovs: A Spiritual Journey. An exploration of the moral and spiritual concerns of the Russian people in the Imperial period from the reign of Peter the Great to the 1917 Revolution. Topics include: the moral costs of Westernization; Russian orthodoxy; suffering, self-sacrifice and sexual mores; the spiritual anguish of the intelligentsia; death and immortality. *Prerequisite: open to juniors and seniors who have taken at least one course in the history, literature, or politics of Russia.*

Ms. Tumarkin

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors. Students writing senior honors theses must participate regularly throughout the year in the History Honors seminar, which will be taught by Mr. Knudsen.

**361 Seminar. Crisis and Renovation:
Comparative Themes in the History of France
and Britain, 1930-80**

A comparative perspective on French and British responses to changing international, political, economic, and social realities. Issues include: crisis of the 1930s; World War II and its postwar impact; decolonization; relations with the United States; modernization and social change in the 1950s and 1960s; and the politics of the 1960s and 1970s. *Prerequisite: same as for 327. Not offered in 1993-94. Offered in 1994-95.*

Mr. Shennan

**362 Seminar. The "Great Patriotic War" as
Myth and Memory**

Until recently, an idealized memory of World War II served as the great legitimizing and unifying myth of the Soviet Union. This seminar will explore the history of the war cult in the Khrushchev and Brezhnev years, and finally focus intensively on the erosion of that cult and the painful emergence of raw human memory under Gorbachev's *glasnost* reform. This last part of the course is a case study in the fate of myth, history and memory during the turmoil of the Gorbachev years. *Open by permission of the instructor to sophomores, juniors and seniors with a background in Soviet history or politics. Not offered in 1993-94.*

Ms. Tumarkin

**364 Seminar. Women in Islamic Society:
Historical Perspectives**

Examination of the changing social roles of women in the Islamic world, from Pakistan to Morocco. Focus on the rights and duties of women as defined by the Koran and the Shari'a (Islamic Law), followed by exploration of the theoretical and historiographical literature on women in Islamic societies. Students will examine the social roles and position of women in concrete historical situations. *Prerequisite: By permission of the instructor. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Ms. Kapteijns

367 (2) Seminar. Jewish Ethnicity and Citizenship

The freedom to be different and the right to be equal studied through the Jewish experience in 19th and 20th century Europe. Topics include the paradoxes of the struggle for political equality in Western Europe; challenges of romantic nationalism and political anti-Semitism; Jewish nationalist and religious responses. Comparison with other groups and ethnicities. *Prerequisite: same as for 327.*

Ms. Malino

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

For Credit

American Studies 318 (2)

The American Revolution

Africana Studies 105 (B²)

Introduction to the Black Experience. *Not offered in 1993-94.*

Africana Studies 150d (B¹)

1919: The Year of the New Negro. *Not offered in 1993-94.*

Africana Studies 200 (1) (B¹)

Africans in Antiquity

Africana Studies 216 (B¹)

History of the West Indies. *Not offered in 1993-94.*

Africana Studies 319 (B¹)

Pan-Africanism. *Not offered in 1993-94.*

Africana Studies 340 (1) (B¹)

Seminar. Afro-American History. Topic: Washington, Garvey, DuBois

Classical Civilization 229/329 (1) (B¹)

Alexander the Great: Psychopath or Philosopher King?

Classical Civilization 236/336 (2) (B¹)

The History of Greek and Roman Religion

Classical Civilization 346 (2) (B)

Selected Topics. Topic for 1993-94: The Greek City

Education 212 (1) (B¹)

History of American Education

Education 214 (2) (B^{1, 2})

Youth, Education and Student Activism in Twentieth-Century America

Education 312 (B¹)

Seminar. History of Child Rearing and the Family. *Not offered in 1993-94.*

Religion 218

Religion in America. *Not offered in 1993-94.*

Religion 255

Japanese Religion and Culture. *Not offered in 1993-94.*

Religion 340 (2)

Seminar. The Holocaust

Spanish 265 (2)

History of Latin America. *Not offered in 1993-94.*

Spanish 266 (1)

History of Spain. *Not offered in 1993-94.*

Women's Studies 224 (2)

Women's Lives Through Oral History

Women's Studies 316

Seminar. History and Politics of Sexuality in the United States. *Not offered in 1993-94.*

Women's Studies 320 (2)

American Health Care History in Gender, Race and Class Perspective

Directions for Election

Entering students are urged to consider taking 103, History in Global Perspective, since it is a multicultural introduction to the study of history and will also introduce them to all members of the department. Most 200-level courses in the Department are open to first-year students, but students without a strong background in European history should elect 100, 201, or both before taking other courses in the European field. Seminars are ordinarily limited to 15 students, nonmajors as well as majors, who meet the prerequisite.

Majors in history are allowed great latitude in designing a program of study, but it is important for a program to have both breadth and depth. To ensure breadth, the program must include: (1) at least one course in the history of Africa, Japan, China, or the Middle East; and (2) at least one course in the history of Europe, the United States, England, or Russia. We strongly recommend as well that majors take at least one course in pre-modern history (e.g., ancient Greece and Rome, the Jews of Spain and the lands of Islam, Japan before 1800). To encourage depth of historical

understanding, we urge majors to focus eventually upon a special field of study, such as (1) a particular geographical area, country, or culture; (2) a specific time period; (3) a particular historical approach, e.g., intellectual and cultural history, social and economic history; (4) a specific historical theme, e.g., the history of women, revolutions, colonialism. Finally, of the two Grade III courses in the major required for the B.A. degree, we recommend that majors include at least one seminar in their programs. No more than one crosslisted course may be counted toward a History major.

The History minor consists of a minimum of five courses, of which at least four must be above the 100 level and at least one at the 300 level (excluding 350). Of these five units, at least three shall represent a coherent and integrated field of interest, such as, for example, American history, Medieval and Renaissance history, or social history. Of the other two units, at least one shall be in a different field. Normally at least four units must be taken at Wellesley, and crosslisted courses will not count toward the minor.

Teacher Certification: Students interested in obtaining certification to teach Social Studies in the Commonwealth of Massachusetts should consult Ms. Varon in the History Department and the Chair of the Department of Education.

International Relations

A STRUCTURED INDIVIDUAL MAJOR

Directors: *Murphy, Shennan*

The International Relations major is a *structured individual major*. Students must submit a plan of study for approval to two faculty advisors who teach international relations in two different departments from the following list: Africana Studies, Anthropology, Economics, History, Political Science, and Women's Studies. This plan of study must also be approved by one of the Directors listed above.

The International Relations major consists of ten (10) courses, which must include the following:

1. Three (3) required courses: Economics 214 (International Economics); History 103 (History in Global Perspective) or History 295 (International Relations of the West, 1789-1962); and Political Science 221 (World Politics). Majors are encouraged to fulfill the History requirement before the Political Science requirement.

2. Two (2) foreign language courses *beyond the College's foreign language requirement in the same language used to fulfill that requirement* (above the intermediate level). This requirement will usually be met by the completion of two units of language study *at the third-year college level*. A student whose native language is not English will be exempted from this requirement subject to the approval of her advisors. An International Relations major who meets the enhanced language requirement through native fluency must also complete ten (10) courses in the major, but can substitute two (2) additional non-language courses approved by her advisors in place of advanced language work. This applies also to students who may be double-majors (e.g. in International Relations and a language department or area studies program) and who choose not to count their advanced language courses towards their International Relations major.

3. Five (5) other courses, including at least three (3) in one of the following fields of concentration: a) Peace, War, and Security; b) International Political Economy; c) Foreign Policy and World Politics; and d) Human Rights, Race, or Gender in International Relations.

In fulfilling this major a student may take a maximum of two (2) courses that focus on a particular geographic region of the world or a specific country and apply them to the appropriate field of concentration. For example, Political Science 207 (Politics in Latin America) would be applied

to Foreign Policy and World Politics. If a particular area studies course does not fit clearly into a specific field of concentration, the student should consult with her advisors about how that course may be applied to the major.

A sample list of courses from the current catalog that could be applied to the four fields of concentration that follows is intended to present an idea of the range of courses available in relation to the proposed subfields. It does not include those courses that come under the area studies provision of the major.

a) Peace, War, and Security

Peace Studies 259 (1)
Peace and Conflict Resolution

Political Science 224
International Security

Political Science 327 (2)
International Organization

Political Science 329
International Law. *Not offered in 1993-94.*

Political Science 330 (2)
Seminar. Negotiation and Bargaining

b) International Political Economy

Anthropology 275
Technology and Society in the Third World. *Not offered in 1993-94.*

Anthropology 346 (1)
Colonialism, Development and Nationalism: The Nation State and Traditional Societies

Economics 220 (2)
Development Economics

Economics 301 (2)
Comparative Economic Systems

Economics 313 (2)
International Macroeconomics

Economics 314 (2)
International Trade Theory

Economics 320 (1)
Seminar. Economic Development

History 268 (1)
The Origins of Japanese Big Business: A Comparative Perspective

Political Science 204 (1)
Political Economy of Development and Underdevelopment

Political Science 323 (1)
Politics of Economic Interdependence

Political Science 332 (2)
Seminar. People, Agriculture, and the Environment

Political Science 348 (1)
Seminar. Problems in North-South Relations

c) Foreign Policy and World Politics

History 295 (1)
International Relations of the West, 1789-1962
(if not taken as required course for IR major)

History 344 (2)
Militarism in Modern Japan

History 346 (1)
China and America: The Evolution of a Troubled Relationship. *Not offered in 1993-94.*

Political Science 321
United States in World Politics. *Not offered in 1993-94.*

Political Science 326
International Politics in the Middle East. *Not offered in 1993-94.*

Political Science 328 (1)
The Politics of East-West Relations

d) Human Rights, Race, or Gender in International Relations

Africana Studies 150a
The Internationalization of Black Power. *Not offered in 1993-94.*

Africana Studies 319
Pan-Africanism. *Not offered in 1993-94.*

Africana Studies 345 (2)
Seminar. Women and International Development

Anthropology 210
Racism and Ethnic Conflict in the United States and the Third World. *Not offered in 1993-94.*

Political Science 214 (1)
Politics of Race and Ethnicity

Political Science 345 (2)
Seminar. Human Rights.

Women's Studies 220 (1)
Women, Peace and Protest: Cross-Cultural Visions of Women's Actions

Italian

Professor: *Jacoff*

Associate Professor: *Viano (Chair)*

Assistant Professor: *Ward, Laviosa*

All courses, unless otherwise listed, are conducted in Italian. In all courses given in Italian, except seminars, some work may be required in the language laboratory.

Qualified students are encouraged to spend their junior year in Italy. See p. 63.

The Italian department offers both a major and a minor as well as an interdisciplinary major in Italian Culture. See Directions for Election.

101-102 (1-2) Elementary Italian

These courses focus on the development of basic language skills for the purpose of acquiring both speaking and reading knowledge useful in the study of other disciplines. A general view of Italian civilization and contemporary culture through slide shows, authentic video programs, and graded brief readings offer an introduction to the country and its people. Three periods. Course requirements: six quizzes, four take-home exams, Midterm and Final exams. *No credit will be given for this course unless both semesters are completed satisfactorily.*

Ms. Jacoff, Ms. Laviosa, and Mr. Viano

201 (1) Intermediate Italian I

The purpose of this course is to consolidate the language skills through in-depth review of grammar and intensive listening, speaking, reading, and writing activities. The reading of short stories, articles from Italian newspapers, and selected texts on Italian civilization promote critical reading. Listening comprehension is practiced through the viewing of Italian films and other authentic audio-visual material. Both reading and listening activities are followed by in-class discussion. Course requirements: four short compositions, four quizzes, Midterm and Final exams. Three periods. *Prerequisite: 101-102 [100] or by permission of the instructor.*

Ms. Laviosa, Mr. Ward

202 (2) Intermediate Italian II

Further consolidation of fluency in spoken and written Italian with a complete review of grammar is the focus of this course. Literary texts and newspaper articles on Italian current issues are selected to promote critical reading. Italian films

and television programs are presented to develop the listening skill and introduce students to some of the major themes in Italian culture. Course requirements: four written assignments, four quizzes, Midterm and Final exams. Three periods. *Prerequisite: 201 [202] or by permission of the instructor.*

Ms. Laviosa, Mr. Ward

261/361 (2) Italian Cinema (in English)

A survey of Italian cinema from neorealism to the present through the work of its major directors (Fellini, Bertolucci, Visconti, etc.). The in-depth analysis of each film will aim at providing students with a knowledge of the key issues in contemporary film theory: the relationship between cinema and reality, the role of the spectator, gender and politics of the film image. The course may be taken as either 261 or, with additional assignments in Italian, as 361. *Prerequisite: 261, open to all students; 361, by permission of the instructor.*

Mr. Viano

262 (2) Italy: A Cultural Perspective (In English)

An examination of the beliefs, customs, values, social practices, and myths which constitute modern Italian culture. An understanding of the present cultural configuration within its historical perspective will be achieved through analyses of literary and sociological texts as well as audio-visual materials. *Open to all students. Not offered in 1993-94.*

263 (1) Dante (in English)

An introduction to Dante and his culture. The centrality and encyclopedic nature of Dante's *Divine Comedy* make it a paradigmatic work for students of the Middle Ages. Since Dante has profoundly influenced several writers of the 19th and 20th centuries, knowledge of the *Comedy* illuminates modern literature as well. This course presumes no special background and attempts to create a context in which Dante's poetry can be carefully explored. *Open to all students.*

Ms. Jacoff

265 (2) Literature of the Italian Renaissance (In English)

An opportunity to read certain key texts of the Italian Renaissance in depth: Boccaccio's *Decameron*, selected Petrarch letters and poems, Cellini's *Autobiography*, Castiglione's *The Courtier* and Machiavelli's *Prince* and *Dis-*

courses. The focus will be on stylistic and thematic issues and on the problems of interpretation raised by these texts. *Not offered in 1993-94.*

Ms. Jacoff

271 (1) Introduction to Italian Studies

Using selected texts from contemporary Italian cinema and literature, this course will introduce students to the pleasure of textual and contextual interpretation. While focussing on the skills required to analyze a text, the course will also chart some key aspects of Italian culture (national identity, gender politics, etc.). As an advanced language course, this course also aims to improve the students' reading and writing abilities. *Prerequisite: 202 [203] or by permission of the instructor.*

Mr. Viano

272 (2) Studies in Italian Literature

Special Topic for 1993-94: Fascism and Resistance: The Italian Response. Drawing on both literary and cinema texts, the course will examine the major political and cultural events of twentieth century Italy: the period of Fascist rule and the Resistance Movement. As well as giving a historical overview, the course aims to trace the different ways Italian culture and society dealt with the Fascist legacy and the idea of a new beginning promised by the Resistance. Readings from Calvino, Moravia, Levi, Pavese, Gramsci, Bassani and Vittorini; films by Rossellini, Visconti, De Santis, and the Taviani brothers. *Prerequisite: 271 [206] or by permission of the instructor.*

Mr. Ward

273 (2) Studies in Italian Renaissance Literature

An introduction to Medieval and Renaissance Italian literature through consideration of major authors such as Dante, Petrarch, Boccaccio, Machiavelli, and Castiglione. The course will explore the changing significance of the role of human love, the relationship between intellectual and civic life, and the role of literature itself. *Prerequisite: 271 [206] or by permission of the instructor. Not offered in 1993-94.*

308 (2) The Contemporary Novel

The development of an art form in relation to the literary and intellectual history of modern Italy. Representative theoretical and fictional texts will illustrate the diversity of stylistic and thematic concerns of a variety of writers and movements.

Prerequisite: 272 or by permission of the instructor. Not offered in 1993-94.

349 (1) Seminar. Narrative Techniques in Italian Literature and Cinema

Narrative is the process by which people order their lives. This course aims to introduce students to the developments in narrative technique that have characterized Italian literature and film. Beginning with Boccaccio's *Decameron*, the students will read selections from Manzoni, Verga, Pasolini, Calvino, and Eco. Futurism and neorealism will also be considered. The course will conclude with an introduction to film narrative and an analysis of four films of Michelangelo Antonioni. Open by permission of the instructor.

Mr. Ward

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to students who have completed two units in literature in the department.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Directions for Election

The Italian department offers both a major and a minor in Italian as well as an interdisciplinary major in Italian culture.

The Italian major offers students the opportunity to acquire fluency in the language and knowledge of the literature and culture of Italy. Students are urged to begin Italian in their first year. Italian 101-102 count toward the degree, but not the major. Students majoring in Italian are required to take eight units above the 100 level, two of which must be at Grade III level. Students should consult with the chair about the sequence of courses they will take. Courses given in translation count toward the major. Qualified students are encouraged to spend their junior year abroad on an approved program. Courses in other languages and literatures, art and history are strongly recommended to supplement work in the major.

The Italian minor requires five units above the 100 level. One of these units may be fulfilled by a course in translation if a student begins the study of Italian in her sophomore year.

Italian Culture

AN INTERDEPARTMENTAL MAJOR

Director: Mr. Viano

The major in Italian Culture offers students the opportunity to acquire fluency in the language and to deepen their knowledge of Italy through the study of its literature, art, history, music and thought. The program for each student will be planned individually with the director. At least four units in Italian above the 100 level, one of which must be at Grade III level, must be included in the program; in addition, the student will take at least four units above the 100 level in related departments, one of which must be at Grade III level. Courses given in translation will count toward the major. The following courses are available for majors in Italian Culture:

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of director. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Art 220 (1)

Painting and Sculpture of the Later Sixteenth and Seventeenth Centuries in Southern Europe

Art 229 (1)

Renaissance and Baroque Architecture

Art 243 (2)

Roman Art

Art 251 (2)

Italian Renaissance Art. *Not offered in 1993-94. Offered in 1994-95.*

Art 304 (1)

Seminar. Italian Renaissance Sculpture

Art 333 (2)

Seminar. Spanish Art

History 231 (2)

History of Rome. *Not offered in 1993-94.*

History 233 (1)

Renaissance Italy

History 235 (1)

Utopia

History 333 (2)

Seminar. Renaissance Florence. *Not offered in 1993-94.*

Italian 201 (1)

Intermediate Italian I

Italian 202 (2)

Intermediate Italian II

Italian 261 (2)

Italian Cinema (In English)

Italian 262

Italy: A Cultural Perspective (In English). *Not offered in 1993-94.*

Italian 263 (1)

Dante (in English)

Italian 271 (1)

Introduction to Italian Studies

Italian 272 (2)

Studies in Italian Literature

Italian 273

Studies in Italian Renaissance Literature. *Not offered in 1993-94.*

Italian 308 (2)

The Contemporary Novel. *Not offered in 1993-94.*

Italian 349 (1)

Seminar. Narrative Techniques in Italian Literature and Cinema.

Language Studies 237

History and Structure of the Romance Languages. *Not offered in 1993-94.*

Music 235 (2)

Seminar. Verdi

Japanese

Associate Professor: Morley (*Chair*)

Instructor: Uehara

Lecturer: Torii

Language Instructor: Omoto, Sakai

101-102 (1-2)(A) Beginning Japanese

Introduction to the modern standard Japanese language. Emphasis on developing proficiency in listening, speaking, reading and writing, using basic expressions and sentence patterns. Five periods. Students will receive a total of two and one-half units of credit for the year. *No credit will be given for this course unless both semesters are completed satisfactorily. Open to all students.*

Ms. Morley and Staff

201-202 (1-2)(A) Intermediate Japanese

Continuation of 101-102 [107]. The first semester will emphasize further development of listening and speaking skills with more complex language structures as well as proficiency in reading and writing. The second semester will emphasize reading and writing skills. Five periods. Students will receive two and one-half units of credit for the year. *No credit will be given for this course unless both semesters are completed satisfactorily. Prerequisite: 101-102 (1-2) [107] or by permission of the instructor.*

Mr. Uehara, Ms. Torii and Staff

231 (1) Advanced Japanese I

Development and refinement of language skills with the aim of achieving fluency in verbal expression and mastery of reading and writing skills. Language laboratory attendance is required. Meets three days a week. *Prerequisite: 201-202 (1-2) [207] or permission of the instructor.*

Mr. Uehara

232 (2) Advanced Japanese II

Japanese 231 and Japanese 232 are two one-semester courses, which taken in sequence constitute the third year of the Japanese language program. Reading is stressed in the second semester. Meets three days a week. *Prerequisite: 231 or permission of the instructor.*

Mr. Ueharae

251 (2) Japan Through Literature and Film

A study of the great works of Japanese literature in translation from the 10th through the 18th centuries, including the early poetic diaries of the Heian Court ladies, the *Tale of Genji*, the *Noh* plays, the puppet plays of Chikamatu, and the haiku poetry of Matsuo Basho. Emphasis on the changing world of the Japanese writer and the role of the texts in shaping Japanese aesthetic principles. Selected films shown throughout course. Offered in alternation with 351. *Open to all students. Satisfies the multicultural requirement. Offered in 1993-94. Not offered in 1994-95.*

Ms. Morley

308 (2) Readings in Contemporary Japanese Prose

Reading and discussion in Japanese of selections from modern prose: short stories, essays, etc. Focus on advanced reading and translation skills. Two periods with discussion section. *Prerequisite: 309 or by permission of instructor.*

Ms. Morley

309 (1) Readings on Contemporary Japanese Social Science

Readings in Japanese with selections from current newspapers and journals. Two periods with discussion section. *Prerequisite: 232 [307] or by permission of instructor.*

Mr. Uehara

351 (2) Seminar. Selected Topics in Japanese

Literature in Translation. Offered in alternation with Japanese 251. *Prerequisite: one unit in Japanese Studies or by permission of instructor. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Ms. Morley

Japanese Studies

AN INTERDEPARTMENTAL MAJOR

Directors: *Kodera, Morley*

Japanese Studies is an interdisciplinary and interdepartmental program, offering courses in language and literature, as well as in other disciplines, including art, history, economics, political science, religion, and women's studies. The Program deals both with traditional and modern Japan.

At present, the Program offers a major in Japanese Studies, but not in Japanese. The major in Japanese Studies requires at least eight units, including two years of Japanese language training beyond Beginning Japanese. Two of the eight units must be selected from the Grade III level. Students must also select a minimum of four non-language courses, which may include Japanese 308 and 309. Those primarily interested in traditional Japan are strongly encouraged to do some course work on traditional China. One course on China can count toward the major.

Opportunities for study in Japan for different lengths of time are also available.

350 (1) (2)

Research or Individual Study 1 or 2 Open by permission to juniors and seniors.

360 (1) (2)

Senior Thesis Research 1 or 2 By permission of director. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Art 249 (2)

Arts of Japan

Economics 239 (2)

The Political Economy of East Asian Development

History 268 (1)

The Origins of Japanese Big Business: A Comparative Perspective

History 270

Japan Before 1840. *Not offered in 1993-94.*

History 271 (1)

Modern Japan 1840-1960

History 344 (2)

Seminar. Japanese History. Topic for 1993-94: Militarism in Modern Japan

Japanese 101-102 (1-2) (A)

Beginning Japanese

Japanese 201-202 (1-2) (A)

Intermediate Japanese

Japanese 231 (1)

Advanced Japanese I

Japanese 232 (2)

Advanced Japanese II

Japanese 251 (2)

Japan Through Literature and Film

Japanese 308 (1)

Readings in Contemporary Japanese Prose

Japanese 309 (2)

Readings on Contemporary Japanese Social Science

Japanese 351 (2)

Seminar. Modern Japanese Novel in Translation

Political Science 208

Politics of East Asia

Religion 108 (1)

Introduction to Asian Religions

Religion 108M (2)

Introduction to Asian Religions

Religion 253

Buddhist Thought and Practice

Religion 255 (2)

Japanese Religion and Culture

Religion 353 (1)

Seminar. Zen Buddhism

Religion 355 (1)

Seminar. Modern Japanese Thought

Religion 356

Seminar. Ideal Society in East Asian Religions

Jewish Studies

AN INTERDEPARTMENTAL MAJOR

Professor: *Malino* (Director)

The major in Jewish Studies is designed to acquaint students with the many facets of Jewish civilization through an interdisciplinary study of Jewish religion, history, philosophy, art, literature, social and political institutions and cultural patterns.

For a major in Jewish Studies, students must take courses pertaining both to the ancient and modern worlds and show proficiency in Hebrew (equivalent to at least two semesters at the second-year level). In certain cases, where students whose area of concentration necessitates another language (such as Arabic, French, Spanish, Yiddish, Ladino), that language may be substituted for Hebrew in consultation with the student's major advisor. In addition, students are expected to concentrate in some area or aspect of Jewish studies (such as religion, history or Hebrew language and literature) by taking four courses above the Grade I level, including at least two at the Grade III level. Students are encouraged to apply to participate in "Wellesley-in-Israel," a January seminar in Jerusalem which focuses on archaeology in Israel, and which is held in cooperation with The Hebrew University of Jerusalem.

Majors devise their own programs in consultation with the Director of the Jewish Studies Program and an appropriate faculty member from the student's area of concentration. Courses with an asterisk* also require the permission of the instructor if the course is to be counted for Jewish Studies.

In addition to Wellesley courses, students are encouraged to take courses at Brandeis University in the Department of Near Eastern and Judaic Studies which may be applicable to the Jewish Studies major. These courses must be approved, in advance, by the corresponding department at Wellesley. See the Director of Jewish Studies for further details.

A minor in Jewish Studies consists of 5 units from the following courses (of which at least one must be at the 300 level and no more than one at the 100 level): Anthropology 242, 244, 247; History 217, 218, 219, 245, 326, 327, 328, 334, 338, 343, 367; Political Science 326; Religion 104, 105, 140, 202, 204, 205, 206, 241, 242, 243, 244, 245, 303, 340; Spanish 252 and 267. Units must be taken in at least 2 departments; in consultation with the Director of the Program in

Jewish Studies, a student can also arrange to take courses for inclusion in the Jewish Studies minor in Brandeis University's Department of Near Eastern and Judaic Studies.

The following courses are available in Jewish Studies; for related courses, consult the Director of the Program. The "Wellesley-in-Israel" January seminar is scheduled at present to take place in 1995.

350 (1) (2) Research or Individual Study 1 or 2
Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2
By permission of director. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis
Prerequisite: 360.

Anthropology 242 (2)
The Rise of Civilization

Anthropology 244*
Societies and Cultures of the Middle East. *Not offered in 1993-94.*

Anthropology 247 (1)*
Societies and Cultures of Eurasia

History 217
The Making of European Jewry 1085-1815. *Not offered in 1993-94.*

History 218 (1)
Jews in the Modern World, 1815-Present

History 219 (2)
The Jews of Spain and the Lands of Islam

History 245 (1)*
Germany in the Twentieth Century

History 326 (1)
Seminar. American Jewish History

History 327 (1)
Zionism and Irish Nationalism: A Comparative Perspective

History 328 (1)
Anti-Semitism in Historical Perspective. *Not offered in 1993-94.*

History 334*
Seminar. European Cultural History. *Not offered in 1993-94.*

History 338 (2)
Seminar. European Resistance Movements in World War II

History 343

Seminar. History of Israel. *Not offered in 1993-94.*

History 367 (2)

Seminar. Jewish Ethnicity and Citizenship

Political Science 326

International Politics in the Middle East. *Not offered in 1993-94.*

Religion 104 (2)

Introduction to the Hebrew Bible/Old Testament

Religion 105 (1) (2)

Introduction to the New Testament

Religion 140

Introduction to Jewish Civilization. *Not offered in 1993-94.*

Religion 199 (1-2)

Elementary Hebrew

Religion 202

Archaeology and the Bible. *Not offered in 1993-94.*

Religion 204 (2)

Law, Social Order and Religions Practice in the Hebrew Bible/Old Testament

Religion 205

Genesis and the Ancient Near East Mythologies. *Not offered in 1993-94.*

Religion 206 (1)

Wisdom, Love and Life's Meaning in the Hebrew Bible/Old Testament

Religion 241

Introduction to Rabbinic Literature. *Not offered in 1993-94.*

Religion 242 (2)

Rabbis, Romans and Archaeology

Religion 243

Women in the Biblical World. *Not offered in 1993-94.*

Religion 244

Jerusalem: The Holy City. *Not offered in 1993-94.*

Religion 299 (1) (2)

Intermediate Hebrew

Religion 303 (1)

Seminar. Themes in the History of Bible Interpretation

Religion 340 (2)

Seminar. The Holocaust

Spanish 252 (1)

Christians, Jews and Moors: The Spirit of Spain in Its Literature

Spanish 267

The Writer and Human Rights in Latin America. *Not offered in 1993-94.*

Language Studies

AN INTERDEPARTMENTAL MAJOR

Director: *Levitt*

The major in Language Studies offers to students who are interested in the field of linguistics the opportunity for interdisciplinary study of questions relating to the structure, history, philosophy, sociology, and psychology of language.

The major in Language Studies has a number of core requirements. Students must take a minimum of four Language Studies courses: Language Studies 114 (Introduction to Linguistics), and either Language Studies 237 (History and Structure of the Romance Languages) or Language Studies 238 (Sociolinguistics) or Language Studies 240 (The Sounds of Language) or Language Studies 244 (Language: Form and Meaning); and Language Studies 312 (Bilingualism: An Exploration of Language, Mind, and Culture) or Language Studies 322 (Child Language Acquisition). In addition, majors must elect a concentration of at least four courses above Grade I in a single area, including at least two units at Grade III that are approved by the Language Studies Director. Concentrations may be in one department or may be constructed across departments. In either case, the major must demonstrate intellectual coherence. Students majoring in Language Studies are strongly urged to elect basic method and theory courses in their field of concentration and to show proficiency in a foreign language at the intermediate level or above.

Students are urged to consult the MIT catalogue for additional offerings in the major.

114 (1) Introduction to Linguistics

Designed to familiarize the student with some of the essential concepts of language description. Suitable problem sets in English and in other languages will provide opportunities to study the basic systems of language organization. Changes in linguistic methodology over the last century will also be discussed. *Open to all students.*

Ms. Levitt

237 History and Structure of the Romance Languages

Open to students of French, Italian, Spanish and Latin. This course deals with the development of the modern Romance languages from Vulgar Latin. Primary emphasis will be placed on examining this development from a linguistic point of

view, stressing general principles of historical change. Some reading and comparison of early texts in each of the languages will also be included. *Prerequisite: 114 or permission of the instructor. Not offered in 1993-95.*

Ms. Levitt

238 (2) Sociolinguistics

An interdisciplinary course designed for students in the humanities and social sciences based on the application of linguistics to the analysis of language in its written and spoken forms. Emphasis on the way levels of social expression are conveyed by variations in the structural and semantic organization of language. Includes extensive study of women's language. *Prerequisite: 114 or permission of the instructor.*

Ms. Levitt

240 (2) The Sounds of Language

Examination of the sounds of language from the perspective of phonetics (What are all the possible linguistically-relevant sounds of the human vocal tract?) and of phonology (How does each language organize a subset of those sounds into a coherent linguistic system?). Each student will choose a foreign language for intensive study of its phonetic, phonologic, and prosodic characteristics. Includes extensive use of the speech analysis facilities and phonetics laboratory of the Sound-Imaging Lab. *Prerequisite: 114 or by permission of the instructor. Not offered in 1993-94.*

Ms. Levitt

244 Language: Form and Meaning

Even babies can learn a language, yet scores of determined researchers have been unable to devise a satisfactory description of its structure. This course will examine some basic questions about language: What do we know when we know a language? How does meaning arise from the form of sentences? What are universal properties of human languages? What does the structure of conversation and texts contribute to understanding? In the process, we will investigate specific problems in syntax, semantics, and pragmatics—and look at some theories devised to resolve these problems. This course provides a strong foundation for studies in linguistics, cognitive science, artificial intelligence, and the philosophy of language. *Prerequisite: Language Studies 114. Not offered in 1993-94.*

Ms. Herskovits

312 (2) Bilingualism: An Exploration of Language, Mind, and Culture

Exploration of the relationship of language to mind and culture through the study of bilingualism. Focus on the bilingual individual for questions concerning language and mind: The detection of "foreign" accent, the relationship of words to concepts, the organization of the mental lexicon, language specialization of the brain, and the effects of early bilingualism on cognitive functioning. The bilingual nation will be the focus for questions dealing with language and culture: societal conventions governing use of one language over another, effects of extended bilingualism on language development and change, and political and educational impact of a government's establishing official bilingualism. *Prerequisite: an appropriate Grade II course in language studies, psychology, anthropology, philosophy, or permission of the instructor. Not offered in 1993-94.*

Ms. Levitt

322 (2) Child Language Acquisition

Language acquisition in young children. Examination of children's developing linguistic abilities and evaluation of current theories of language learning. Topics include infant speech perception and production and the development of phonology, morphology, the lexicon, syntax, and semantics in the young child. Data from studies of children learning languages other than English will also be considered. *Open to juniors and seniors who have taken Language Studies 114 or Psychology 216, or by permission of the instructor.*

Ms. Levitt

350 (1) (2) Research or Individual Study 1 or 2

Prerequisite: Two Grade II units.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of Department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360

The following courses are available for credit in Language Studies:

Computer Science 235 (2)

Languages and Automata

Computer Science 333 (2)

Computer Models of Natural Language.

Education 308 (1)

Seminar. Foreign Language Methodology

French 222 (1) (2)

Studies in Language I

French 308 (1)

Advanced Studies in Language I

French 309 (2)

Advanced Studies in Language II. *Not offered in 1993-94.*

Philosophy 207

Philosophy of Language.

Philosophy 215 (1)

Philosophy of Mind

Philosophy 216 (1) (2)

Logic

Psychology 216

Psychology of Language. *Not offered in 1993-94.*

Psychology 316 (1)

Linguistic Structures and Psychological Processes

Psychology 330 (2)

Seminar. Cognitive Science

Russian 301 (1)

Advanced Russian

Latin American Studies

A STRUCTURED INDIVIDUAL MAJOR

Directors: *Roses, Wasserspring*

The Latin American Studies major is a *structured individual major*. Students must submit a plan of study following the requirements listed below for approval by the two Directors listed above.

The Latin American Studies structured individual major requires a minimum of nine courses, with a concentration of four courses in one of the following departments: Anthropology, Political Science, or Spanish. Of these nine courses constituting a minimum for the major, at least two must be taken at the three hundred level. It is recommended that one of these two be a seminar. The student will select her courses in consultation with two faculty members of her choice.

The student must exhibit a degree of proficiency in the oral and written use of Spanish by successful completion of two (2) Spanish language courses *beyond the College's foreign language requirement* (above the intermediate level). Alternatively, a student may demonstrate proficiency through testing and interviews with Spanish department faculty. In the case where the student's area of interest is better served by proficiency in another language (Portuguese, Quechua, Guarani, Maya-Quiché, etc.) that language may be substituted in consultation with the student's advisors.

Majors devise their own programs in consultation with the Directors of Latin American Studies. Courses with an asterisk (*) also require the permission of the instructor if the course is to be counted for Latin American Studies. The asterisk also signifies that assignments in the course will include relevant Latin American research.

Africana Studies 204 (2)

Third World Urbanization

Africana Studies 208 (2) (B)

Women in the Civil Rights Movement

Africana Studies 210

Folk and Ritual Music of the Caribbean. *Not offered in 1993-94.*

Africana Studies 218 (2) (B²)

Images of Blacks and Women in American Cinema

Africana Studies 229 (2)

Color, Race, & Class in Latin American Development

Africana Studies 234 (2)

Introduction to West Indian Literature. *Not offered in 1993-94.*

Africana Studies 335 (2)

Women Writers of the English-Speaking Caribbean

Anthropology 210 (2) *

Racism and Ethnic Conflict in the U.S. and the Third World. *Not offered in 1993-94.*

Anthropology 236 (2)

Witchcraft, Magic, and Ritual: Theory and Practice

Anthropology 249

Traditional Societies of Post Conquest South America. *Not offered in 1993-94.*

Anthropology 275 *

Technology and Society in the Third World. *Not offered in 1993-94.*

Anthropology 346 (1) *

Colonialism, Development and Nationalism: The Nation State and Traditional Societies

Economics 220 (2) *

Development Economics

Economics 320 (1) *

Seminar. Economic Development

Experimental 222 (2)

The Encounter of Cultures in the Americas

History 206 (1)

Introduction to Latin American Civilization

History 272 (1)

Religion and Revolt in Latin America, 1492-1750

History 273 (2)

The Past as Present in Latin America

History 274 (2)

The Cinema of Social Consciousness in Latin America

History 324 (2)

Comparative Colonialisms: Spanish America, the Philippines, India, 1500-1850

Political Science 204 (1) *

Political Economy of Development and Underdevelopment

Political Science 207 (2)

Politics of Latin America

Political Science 301 (1) *

Seminar. Transition from Communist Rule in Eastern Europe

Political Science 302 *

Seminar. Communist Parties and Socialist Societies. *Not offered in 1993-94.*

Political Science 305 (1) *

Seminar. Military in Politics

Political Science 306 (1) *

Seminar. Revolutions in the Modern World. *Not offered in 1993-94.*

Political Science 307 (2) *

Seminar. Gender, Culture, and Political Change

Political Science 310 (1)

Latino Politics

Political Science 323 (1) *

The Politics of Economic Interdependence

Political Science 337

Seminar. The Politics of Minority Groups in the United States. *Not offered in 1993-94.*

Political Science 342 (2) *

Marxist Political Theory

Political Science 348 (1) *

Seminar. Problems in North-South Relations

Religion 218 *

Religion in America. *Not offered in 1993-94.*

Religion 221 (1) *

Catholic Studies. *Not offered in 1993-94.*

Religion 226 (1) *

Liberation Theology

Religion 229 (2) *

Christianity and the Third World

Religion 316 (2) *

Seminar. The Virgin Mary

Religion 323 *

Seminar. Theology. *Not offered in 1993-94.*

Spanish 241 (1) (2)

Oral and Written Communication

Spanish 242 (1) (2)

Linguistic and Literary Skill

Spanish 251 (2)

Freedom and Repression in Spanish American Literature. *Not offered in 1993-94.*

Spanish 253 (2)

The Spanish American Short Narrative. *Not offered in 1993-94.*

Spanish 255 (2)

Chicano Literature: From the Chronicles to the Present

Spanish 257 (1)

The Word and Song: Contemporary Latin American Poetry

Spanish 263

Latin American Literature: Fantasy and Revolution. *Not offered in 1993-94.*

Spanish 266 *

History of Spain. *Not offered in 1993-94.*

Spanish 267

The Writer and Human Rights in Latin America. *Not offered in 1993-94.*

Spanish 269

Caribbean Literature and Culture. *Not offered in 1993-94.*

Spanish 305 (1)

Hispanic Literature of the United States

Spanish 311 (2)

Seminar. The Literary World of Gabriel Garcia Marquez and the Post-Boom

Spanish 317 (1)

Seminar. The New World in Its Literature: Conquest and Counter-Conquest. *Not offered in 1993-94.*

Spanish/PRESHCO

History of Spain: The Colonization of (Spanish) America

Women's Studies 220 (1) *

Women, Peace and Protest: Cross-cultural Visions of Women's Actions

Women's Studies 330 (1) *

Seminar. Twentieth-Century Feminist Movements in the First and Third Worlds

350*

Research or Individual Study

360*

Senior Thesis Research

370*

Senior Thesis

ALSO: Courses taken in approved programs in Mexico, Ecuador, Argentina, Chile, and other Latin American sites by permission of the Directors.

Mathematics

Professor: *Hirschhorn, Magid (Chair), Shuchat, Shultz, Sontag, Wang, Wilcox*

Associate Professor: *Morton*

Assistant Professor: *Bu, Gutschera, Rose^A, Trenk, Winters*

Most courses meet for two periods weekly with a third period approximately every other week.

100 (1) (2) Introduction to Mathematical Thought

Topics chosen from areas such as strategies, computers, infinite sets, knots, coloring problems, number theory, geometry, group theory. Neither 100 nor 102 may be counted toward the major; both may be elected. *Not open to students who have taken 115 or the equivalent.*

The Staff

102 (1) (2) Applications of Mathematics without Calculus

Introduction to topics such as probability and statistics, matrices and vectors, linear programming, game theory; applications in the biological and social sciences. Neither 100 nor 102 may be counted toward the major; both may be elected. *Open to all students.*

The Staff

103 (1) Precalculus

This course is open to students who lack the necessary preparation for 115 and provides a review of algebra, trigonometry, and logarithms necessary for work in calculus. Methods of problem solving; an emphasis on development of analytic and algebraic skills. 103 does not count toward the Group C distribution requirement. *Open by permission of the department.*

The Staff

115 (1) (2) Calculus I

Introduction to differential and integral calculus for functions of one variable. Differentiation and integration of algebraic and transcendental functions. Applications to curve sketching, extremal problems, velocities, related rates, areas, linear approximation. *Open to all students who have not taken an equivalent course.*

The Staff

115Z (1) (2) Calculus I Via Applications

Same topics as 115. This course will stress the

relationship of calculus to real-world problems. To facilitate this, and to enhance conceptual understanding, topics will be presented graphically and numerically as well as algebraically. *Open to all students who have not taken an equivalent course.*

The Staff

116 (1) (2) Calculus II

Theoretical basis of limits and continuity, Mean Value Theorem, inverse trigonometric functions, further integration techniques. L'Hôpital's rule, improper integrals. Applications to volumes. Sequences and infinite series, power series, Taylor series. *Prerequisite: 115, 115Z or the equivalent.*

The Staff

116Z (1) (2) Calculus II Via Applications

Topics are similar to those in 116, except that differential equations are discussed at greater length, and discussion of infinite series focuses on Taylor series. This course will stress the relationship of calculus to real-world problems. To facilitate this, and to enhance conceptual understanding, topics will be presented graphically and numerically as well as algebraically. *Prerequisite: 115, 115Z or the equivalent.*

The Staff

120 (1) Calculus IIA

A variant of 116 for students who have a thorough knowledge of the techniques of differentiation and integration, and familiarity with inverse trigonometric functions and the logarithmic and exponential functions. Includes a rigorous and careful treatment of limits, sequences and series, Taylor's theorem, approximations and numerical methods, Riemann sums. Improper integrals, L'Hôpital's rule, applications of integration. Open by permission of the department to students who have completed a year of high school calculus. A placement test on techniques of integration and differentiation will be required of everyone enrolled in the course. (Students who have studied Taylor series should elect 205.) *Not open to students who have completed 115, 115Z 116, 116Z or the equivalent.*

The Staff

205 (1) (2) Intermediate Calculus

Vectors, matrices, and determinants. Polar, cylindrical, and spherical coordinates. Curves, functions of several variables, partial and directional derivatives, gradients, vector-valued functions of

a vector variable, Greens Theorem. Multiple integrals. *Prerequisite:* 116, 116Z, 120, or the equivalent.

The Staff

206 (1) (2) Linear Algebra

Real and complex vector spaces, subspaces, linear independence, bases, dimension, inner products. Linear transformations, matrix representations, range and null spaces, inverses, eigenvalues. Applications to differential equations and Markov processes. Emphasis on proving theorems. *Prerequisite:* 205.

The Staff

208 (2) Elementary Complex Analysis

Complex numbers and the complex plane. Definitions and mapping properties of elementary complex functions. Analyticity and the Cauchy-Riemann equations. Contour integrals. Cauchy Integral Theorem and its applications. Additional topics as time permits. *Prerequisite:* 205. *A student may not take both 208 and 310 for credit.*

Mr. Gutschera

210 (2) Differential Equations

Introduction to theory and solution of ordinary differential equations, with applications to such areas as physics, ecology, and economics. Includes linear and nonlinear differential equations and equation systems, existence and uniqueness theorems, and such solution methods as power series, Laplace transform, and graphical and numerical methods. *Prerequisite:* 205

Mr. Bu

212 (1) Selected Topics

Topic for 1993-94: Classical Differential Geometry. An introduction to the differential geometry of curves and surfaces. Topics include curvature of curves and surfaces, first and second fundamental forms, equations of Gauss and Codazzi, the fundamental theorem of surfaces, geodesics and surfaces of constant curvature. Topic for 1994-95: Foundations of Geometry. *Prerequisite:* 205 or permission of the instructor.

Mr. Magid

220 (1) Probability and Elementary Statistics

Topics selected from the theory of sets, discrete probability for both single and multivariate random variables, probability density for a single continuous random variable, expectations, mean,

standard deviation, and sampling from a normal population. *Prerequisite:* 116, 116Z, 120, or the equivalent. Open to first-year students by permission of the instructor.

Mr. Gutschera

225 (1) Combinatorics and Graph Theory

Enumeration of selections and arrangements, basic graph theory (isomorphism, coloring, trees), generating functions, recurrence relations. Methods of proof such as mathematical induction, proof by contradiction. Other possible topics: pigeonhole principle, Ramsey theory, Hamiltonian and Eulerian circuits, Polya's theorem. *Prerequisite:* 116, 116Z, 120, or the equivalent.

Mr. Morton

249 (1) Selected Topics

Not offered in 1993-94.

250 (2) Topics in Applied Mathematics

Topic for 1993-94: Operations research and systems analysis. Optimization theory and its application to decision making in private and public sector management. Topics include linear programming, network flow modeling, dynamic programming. Introduction to nonlinear programming as time permits. Applications selected from mathematical models of production, inventory, scheduling, investment, harvesting, transportation, and distribution. *Prerequisite:* 206

Mr. Shuchat

302 (2) Elements of Analysis I

Metric spaces; compact, complete, and connected spaces; continuous functions; differentiation and integration; interchange of limit operations as time permits. *Prerequisite:* 206.

Ms. Wang

303 (1) Elements of Analysis II

Topics such as measure theory, Lebesgue integration, Fourier series, and calculus on manifolds. *Prerequisite:* 302.

Mr. Bu

305 (1) Modern Algebraic Theory I

Introduction to groups, rings, integral domains, and fields. *Prerequisite:* 206.

Mr. Wilcox

306 (2) Modern Algebraic Theory II

Topics chosen from the theory of abstract vector spaces, Galois theory, field theory. *Prerequisite:* 305.

Mr. Morton

307 (1) Topology

Introduction to point-set, algebraic, and differential topology. Topological spaces, continuity, connectedness, compactness, product spaces, separation axioms, homotopy, the fundamental group, manifolds. *Prerequisite:* 302. *Not offered in 1993-94. Offered in 1994-95.*

309 (1) Foundations of Mathematics

An introduction to the logical foundations of modern mathematics, including set theory, cardinal and ordinal arithmetic, and the axiom of choice. *Prerequisite:* 302 or 305. *Offered in 1993-94. Not offered in 1994-95.*

Ms. Sontag

310 (2) Functions of a Complex Variable

Analytic functions. Complex-integration theory including the Cauchy-Goursat Theorem; Taylor and Laurent series; Maximum Modulus Principle; residue theory and singularities; mapping properties of analytic functions. Additional topics such as conformal mapping and Riemann surfaces as time permits. A student may not take both 208 and 310 for credit. *Prerequisite:* 302. *Not offered in 1993-94. Offered in 1994-95.*

349 (2) Selected Topics

Topic for 1993-94: Graph Theory. Topics include: vertex and edge coloring, the four-color theorem, matchings in bipartite graphs, interval graphs, and perfect graphs. The course will have a discovery component. Students will be expected to experiment and formulate conjectures. There will also be an emphasis on writing proofs. *Prerequisite:* 225 or 305 or permission of the instructor.

Ms. Trenk

350 (1) (2) Research or Individual Study 1 or 2

Open to juniors and seniors by permission.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See Directions for Election and p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Placement in Courses and Exemption Examinations

The Mathematics Department reviews elections of calculus students and places them in 103, 115, 116, 120, or 205 according to their previous courses and examination results. Students may not enroll in a course equivalent to one for which they have received high school or college credit. No special examination is necessary for placement in an advanced course. Also see the descriptions for these courses.

Students may receive course credit towards graduation through the CEEB Advanced Placement Tests in Mathematics. Students with scores of 4 or 5 on the AB Examination or 3 on the BC Examination receive one unit of credit and are eligible for 116. Those entering with scores of 4 or 5 on the BC Examination receive two units and are eligible for 205.

Students who are well prepared in calculus may receive partial exemption from the group C distribution requirement without course credit by taking exemption examinations. Exemption examinations are offered only for 115 and 116.

Directions for Election

Students majoring in mathematics must complete 115 and 116 (or the equivalent) and at least seven units of Grade II and III courses, including 205, 206, 302, 305, and one other 300-level course. Majors are strongly encouraged to participate in the Mathematics Student Seminar. This seminar will be required starting with the class of 1994. The Mathematics Student Seminar is a weekly seminar in which majors and interested students have the opportunity to make a short presentation on a topic of interest.

Students expecting to major in mathematics should complete 206 before the junior year.

Students expecting to do graduate work in mathematics should elect 302, 303, 305, and at least three other Grade III courses, possibly including a graduate course at MIT. They are also advised to acquire a reading knowledge of one or more of the following languages: French, German, or Russian.

The mathematics minor is recommended for students whose primary interests lie elsewhere but who wish to take a substantial amount of mathematics beyond calculus. Option I (5 units) consists of: (A) 205, 206 and (B) 302 or 305 and (C) two additional units, at least one of which must be at the 200- or 300-level. Option II (5 units) consists of: (A) 205, 206, and (B) three additional 200- or 300-level units. A student who plans to

add the mathematics minor to a major in another field should consult a faculty advisor in mathematics.

Students interested in teaching mathematics at the secondary school level should consult the Chair of the Department of Mathematics and the Chair of the Department of Education.

Students interested in taking the actuarial science examinations should consult the Chair of the Department of Mathematics.

Students are encouraged to elect MIT courses that are not offered by the Wellesley College mathematics department.

The department offers the following options for earning honors in the major field: (1) completion of 302, 303, 305, and three other Grade III courses, and two written comprehensive examinations or (2) two semesters of thesis work (360 and 370). An oral examination is required for both programs.

Medieval/Renaissance Studies

AN INTERDEPARTMENTAL MAJOR

Directors: *Park, Jacoff*

The major in Medieval/Renaissance Studies enables students to explore the infinite richness and variety of Western civilization from later Greco-Roman times to the Age of the Renaissance and Reformation, as reflected in art, history, music, literature, and language. To ensure that breadth of knowledge is not achieved at the expense of depth, however, majors are required to elect at least four units of work above the Grade I level from the offerings in one department. (See the list of available courses.) Each year a seminar is offered in which more than one member of the faculty participate and which is especially designed to accommodate the needs and interests of the majors. The Majors Seminar for 1993-94 is Medieval/Renaissance 336 *Imagining the After-life*. A minimum major consists of eight courses, of which at least two must be at the Grade III level.

Numerous opportunities for study abroad exist for those who wish to broaden their experience and supplement research skills through direct contact with European and Mediterranean culture. By participating in the Collegium Musicum students can learn to perform Medieval and Renaissance music. See the description under Music.

Majors who are contemplating postgraduate academic or professional careers should consult faculty advisors, who will assist them in planning a sequence of courses that will provide them with a sound background in the linguistic and critical techniques essential to further work in their chosen fields. Individual interests and needs can be accommodated through independent study projects carried out under the supervision of one or more faculty members and designed to supplement, or substitute for, advanced seminar-level work.

247 (A) Arthurian Legends

A survey of legends connected with King Arthur from the sixth century through the fifteenth with some attention to the new interpretations in nineteenth and twentieth centuries. Special lectures by members of the Medieval/Renaissance studies program. *Open to sophomores, juniors, and seniors; and also to first year students by permission of the instructor. Not offered in 1993-94.*

Ms. Lynch

248 Love in the Middle Ages

In the twelfth century love, both secular and sacred, became an obsessive subject for poets and writers. This course is an introduction to representative medieval discourses of desire. It will explore the variety of ideas of love seen in texts such as troubador poetry written by both men and women, romances such as Beroul's *Tristan*, St. Bernard's sermons on the Song of Songs, the letters of Eloise and Abelard, lyrics of Rumi and Abraham Ibn Ezra, and Dante's *Vita Nuova*. We will look at the social and cultural contexts of these works and pay particular attention to the dialectical relation between sacred and profane conceptions of love within and among them. *Open to all students except those who have taken 335. Not offered in 1993-94.*

Ms. Jacoff

336 (2) Imagining the Afterlife

An exploration of medieval visions and versions of the afterlife in Christian, Jewish, and Islamic traditions. The material studied will be drawn from popular visions, literary texts, and the visual arts. The focus will be on the implications of ideas about life after death for understanding medieval attitudes toward the body, morality, and life itself. *Open to all students with preference given to Medieval/Renaissance majors.*

Ms. Jacoff

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Among other courses that count toward the major are:

Art 100 (1)

Introductory Course

Art 202 (1)

Medieval Representational Arts

Art 203 (2)

Cathedrals and Castles of the High Middle Ages

Art 247 (1)

Islamic Art and Culture

Art 250

From Giotto to the Art of the Courts: Italy and France, 1300-1420. *Not offered in 1993-94.*

Art 251

Italian Renaissance Art: Painting and Sculpture in Italy in the Fifteenth and Early Sixteenth Centuries. *Not offered in 1993-94. Offered in 1994-95.*

Art 304 (1)

Seminar. Italian Renaissance Sculpture

Art 311

Northern European Painting and Printmaking. *Not offered in 1993-94.*

Art 330

Renaissance Art in Venice and Northern Italy. *Not offered in 1993-94. Offered in 1994-95.*

Art 332 (2)

Seminar. Court and Cult in Thirteenth-Century France and England

English 112 (2)

Introduction to Shakespeare

English 211

Medieval Literature. *Not offered in 1993-94.*

English 213 (2)

Chaucer

English 216 (1)

English Survey

English 222 (1)

Renaissance Literature

English 223 (1)

Shakespeare Part I: The Elizabethan Period

English 224 (2)

Shakespeare Part II: The Jacobean Period

English 315

Advanced Studies in Medieval Literature. *Not offered in 1993-94.*

English 320 (2)

Literary Cross-Currents. Topic b. Readings in Renaissance Witchcraft and the Rhetoric of Magic

English 324 (1)

Advanced Studies in Shakespeare

English 325

Advanced Studies in Sixteenth- and Seventeenth-Century Literature

Extradepartmental 200

Classic Western Texts in Contemporary Perspective. *Not offered in 1993-94.*

French 212

Studies in the Middle Ages and Renaissance. *Not offered in 1993-94.*

French 301 (2)

Forms, Reforms and Revolutions: the Middle Ages and Renaissance

History 100 (1)

Introduction to Western Civilization

History 217

The Making of European Jewry 1085-1815. *Not offered in 1993-94.*

History 219 (2)

The Jews of Spain and the Lands of Islam

History 223

From Closed World to Infinite Universe. *Not offered in 1993-94.*

History 229 (1)

Alexander the Great: Psychopath or Philosopher King?

History 230 (2)

Greek History from the Bronze Age to the Death of Philip II of Macedon

History 231

History of Rome. *Not offered in 1993-94.*

History 232 (2)

The Making of the Middle Ages, 500-1200

History 233 (2)

Renaissance Italy

History 235 (1)

Utopia: thought and culture in Medieval and Renaissance Europe

History 238 (1)

Invasion and Integration: British History, 400-1300

History 239 (2)

Imperialism and Revolution: British History 1300-1700

History 330

Seminar. Medieval Europe. *Not offered in 1993-94.*

History 333

Seminar. Renaissance Florence. *Not offered in 1993-94.*

History 348 (2)

Seminar. History of Medicine. Topic for 1993-94: Plagues and Peoples: From Leprosy to AIDS.

Italian 263 (1)

Dante (in English)

Italian 265

Literature of the Italian Renaissance (in English). *Not offered in 1993-94.*

Italian 273

Studies in Italian Renaissance Literature. *Not offered in 1993-94.*

Music 200 (1)

Design in Music

Philosophy 319 (2)

Medieval Philosophy. Topic for 1993-94: Thomas Aquinas

Political Science 240 (1)

Classical and Medieval Political Theory

Religion 215

Christian Classics. *Not offered in 1993-94.*

Religion 216 (2)

Christian Thought: 100-1600

Religion 225 (1)

Women in Christianity

Religion 262

The Formation of the Islamic Tradition. *Not offered in 1993-94.*

Religion 316 (2)

Seminar. The Virgin Mary

Religion 362 (2)

Seminar. Religion and the State in Islam

Spanish 252 (1)

Christians, Jews, and Moors: The Spirit of Spain in Its Literature

Spanish 300 (2)

Honor, Monarchy and Religion in the Golden Age Drama

Spanish 302

Cervantes. *Not offered in 1993-94.*

Spanish 318

Seminar. Love and Desire in Spain's Early Literature. *Not offered in 1993-94.*

Music

Professor: Zallman, Brody

Associate Professor: Fisk (Chair), Fleurant

Assistant Professor: DeFotis, Panetta

Instructor: Pannett

Chamber Music Society: Cirillo (Director),
Plaster (Assistant Director), Stumpf

Instructor in Performing Music:

Piano: Fisk, Shapiro, Alderman, Barringer (jazz
piano and keyboard improvisation), Urban
(keyboard skills)

Voice: O'Donnell, Hewitt-Didham

Violin: Cirillo

Viola: Gazouleas

Violoncello: Moerschel

Double Bass: Coleman

Flute: Krueger, Preble

Oboe: Gore

Clarinet:

Bassoon: Plaster

French Horn: Gainsforth

Percussion: Jorgensen

Trumpet: Hall

Trombone: Sanders

Organ: Christie

Harp: Rupert

Guitar and Lute: Collver-Jacobson (Collegium
Musicum)

Saxophone

Harpsichord and Continuo: Cleverdon

Viola da Gamba: Jeppesen (Collegium
Musicum)

Recorder: Stillman (Collegium Musicum)

Performance Workshop: Fisk

99 (1-2) Performing Music Noncredit

One half-hour private lesson per week. Students may register for 45-minute or hour lessons for an additional fee. For further information, including fees, see Performing Music: Private Instruction. See also Music 199, 299, and 344. *A basic skills test is mandatory for all students wishing to enroll in Music 99. For those who do not pass this test, the corequisite to Music 99 is Music 111.*

The Staff

Audition requirements vary, depending on the instrument. The piano requirements are described here to give a general indication of the expected standards for all instruments: all major and minor scales and arpeggios, a Bach two-part invention or movement from one of the French Suites, a movement from a Classical sonata, and a composition from either the Romantic or Modern period.

100 (1) Style in Music

A survey of principal musical styles and forms of Western music, with emphasis on the period 1700 (Vivaldi and Bach) to the first decade of the present century (Debussy, Stravinsky and Schoenberg). Not to be counted toward the major. Two lectures and one section meeting. *Open to all students.*

Mr. Pannett

105 (2) Introduction to World Music

A survey of non-western music cultures and non-traditional fields providing a foundation in the methodology and materials of modern ethnomusicology. *Open to all students. Satisfies the multicultural requirement.*

Mr. Fleurant

111 (1) The Language of Music

Preparation in the primary elements of music emphasizing rhythm and pitch perception, reading skill, keyboard familiarity, and correct music notation. Study in basic materials of music theory will include scale and chord construction, transposition, and procedures for harmonizing simple melodies. Not to be counted toward the major. Two section meetings and one 60-minute class devoted to lecture or laboratory. *Open to all students.*

Ms. DeFotis

122 (1) (2) Pitch Structure in Tonal Music

Rigorous review of basic materials and terminology accompanied by regular ear training practice in scales, intervals, chords, melodic and rhythmic dictation. Class work will include a thorough grounding in species counterpoint and tonal cadence structures. Normally followed by 244. Three class meetings. *Open to all students who have passed the basic skills test.*

Ms. Zallman

199 (1-2) Performing Music—Intermediate

One 45-minute lesson per week. A minimum of six hours of practice per week is expected. Music 199 may be repeated, ordinarily for a maximum of four semesters. One credit is given for a year of study, which must begin in the first semester. Not to be counted toward the major in music. For further information, including fees, see Performing Music: Private Instruction and Academic Credit. See also Music 99, 299, and 344. *A basic skills test is mandatory for all students wishing to audition for 199.*

Open by audition to students who are taking, have taken, or have exempted Music 122. Completion of an additional music course is required before credit is given for a second year of 199.

A student other than a pianist who wishes to apply for Music 199 should request detailed information concerning audition requirements for her instrument (including voice) by writing to the Chair, Department of Music. *No credit will be given for this course unless both semesters are completed satisfactorily.*

The Staff

200 (1) (2) Design in Music/WI

A comprehensive survey of music history, from Gregorian plainsong to compositions of the 1990's. 200 (1) deals with the music of the Medieval, Renaissance, and Baroque eras (to 1750); 200 (2) offers a consideration of the Classical period, Romantic and post-Romantic trends, and the music of the twentieth century. The course is above all an exploration of the elements and evolution of musical style. There is strong emphasis on the development of proficiency in analysis, and on the devising and support of interpretive hypotheses in written essays. We will also consider questions related to the evolving social status of the composer, the influence of patronage on artistic creation, the connections between music and politics, and the intersections of vernacular and "art-music" traditions across the centuries. Taught as a writing-intensive course in 1993-94. Three class meetings. *Prerequisite: [202].*

Mr. Panetta

209 (2) Topics in Music History

Topic for 1993-94: A History of Jazz. This course offers a listener's introduction to jazz, one of the great expressions of American genius in this century. Jazz drew from several vibrant streams of American musical art (including ragtime and blues idioms), and its different stylistic phases have corresponded closely to significant developments in American social history; knowledge of jazz is thus highly relevant to an understanding of twentieth-century American culture. A fundamental goal of the course is that students learn to listen to music critically: to hear and interpret form, texture, style, and expressive content. Through a selection of recordings, we will follow the progression of jazz history from African roots to recent developments; readings from source documents and contemporary accounts will offer perspective on the social history of jazz and the position of the jazz musician in society. Two class

meetings, supplemented by live performances and by screenings and discussions of historical films. *Open to all students. Satisfies the multicultural requirement.*

Mr. Panetta

213 (2) Twentieth-Century Techniques

Studies in the language and style of the concert music of our century through analysis of smaller representative compositions of major composers. Short exercises in composition will be designed to familiarize students with the concepts of musical coherence which inform the works of these composers. *Open to students who have taken or exempted Music 122. Students who can read music fluently are also invited with permission of the instructor. Not offered in 1993-94; offered in 1994-95.*

225/325 (1) Topics in Ethnomusicology

The course will cover the definitions, history, theory and method, ethical concerns and scope of the discipline. Students will transcribe and analyze musical examples taken from the music of Africa, the African diaspora and the Indigenous peoples of the Americas. Class participants will be encouraged to pay site visits to Black churches and World Music events in the Greater Boston area in an effort to acquaint them with the joy of ethnomusicological field work. The course may be taken as either 225 or, with additional assignments, as 325. *Prerequisite: 100, 111, 115 or by permission of the instructor. In addition, for 325, 200 is required.*

Mr. Fleurant

235/335 (2) Music in Historical/Critical Context: Topic for 1993-94 Verdi

In-depth examination of selected operas from *Nabucco* to *Falstaff*, with particular emphasis on the relation of music and drama. Verdi's librettists; the large-scale revision of certain operas (*Simon Boccanegra*, *La Forza del Destino*); Verdian musical dramaturgy in its historical context. The course may be taken as either 235 or, with additional assignments, as 335. *Prerequisite: 235, open to all students; 335, 200 is required.*

Mr. Pannett

244 (2) Harmony

A continuation of 122. Written exercises in four-part and keyboard-style harmony accompanied by a keyboard lab with practice in figured bass and playing basic harmonic progressions. Range of study will include harmonic functionality,

techniques of expansion and melodic ornamentation with practice in fundamental techniques of analysis. Three class meetings and one 60-minute laboratory. *Prerequisite:* 115 or 122.

Mr. Pannett

275 (2) Computer Music: Synthesis Techniques and Compositional Practice

An overview of the fundamental concepts and techniques of computer music and their application to composition. Topics include: the technology of acoustic and digital musical instruments, frequency modulation, linear synthesis, and phase distortion; the implications of such technology for music composition; and computational models of musical structure. Students will work extensively in the Sound and Imaging Laboratory and will be expected to produce brief compositional exercises as well as rudimentary sound synthesis programs. *Prerequisite:* 122 or permission of the instructor. Enrollment limited to 15 students.

Mr. Brody

299 (1-2) Performing Music—Advanced

One hour private lesson per week. A minimum of ten hours of practice per week is expected. Music 299 may be repeated without limit. One credit is given for a year of study. Not to be counted toward the major in music. For further information, including fees, see Performing Music and Performance Workshop: Private Instruction and Academic Credit. See also Music 99, 199, and 344.

Students who have taken or exempted Music 122 and have completed at least one year of Music 199 are eligible for promotion to 299. One 200 or 300 level music course must be completed for each unit of credit granted for Music 299. (A music course used to fulfill the requirement for Music 199 may not be counted for 299.)

A student eligible for Music 299 is expected to demonstrate accomplishment distinctly beyond that of the Music 199 student. Students are recommended for promotion by their instructor and must have received a grade not lower than a B+ on their final 199 jury examination. *No credit will be given for this course unless both semesters are completed satisfactorily. Prerequisite:* 199.

The Staff

300 (2) Major Seminar: Studies in History, Theory, Analysis, Special Topics

Normally offered in both semesters with two topics studied each semester. *Prerequisites:* 200, 244 or 302.

Topic c: The Chopin Preludes. Some of them so short as to seem epigrammatic, some simple enough to be played by children, others difficult enough to scare away virtuosi, but all of them strikingly original and individualized, the Chopin Preludes have inspired not only scholars, but also literary attention. This unit will focus both on analysis of individual preludes and on the cyclic coherence (or non-coherence) of the set. The class will also consider the relevance of these analyses to performance and to understanding Chopin's music in historical and cultural contexts.

Mr. Fisk

Topic d: Music and Criticism. A survey of recent critical approaches to music and their sources in earlier writing on music and culture. Source readings will include such diverse writers as Adorno, Hanslick, Nietzsche, and Tovey. Emphasis will be placed on the meanings and uses of such critical terms as "persona," and "identity" in contemporary discourse about music. Students will write critical essays about this discourse and analytical essays applying its methods to music.

Mr. Brody

302 (1) Compositional Functions of Harmony

Written exercises will focus on harmonizing tonal melodies. Range of study will include harmonic functionality, techniques of expansion and prolongation, especially in cadential patterns, and the interaction of tonal harmony and rhythm. A keyboard laboratory on figured-bass realization and continuo playing in the baroque style, in which work is geared to individual student's needs, is a component of this course. Three class meetings and one 60 minute laboratory. *Prerequisite:* 202.

Mr. Brody

308 (2) Choral and Orchestral Conducting

Techniques of score preparation, score reading, rehearsal methods, and baton techniques. The development of aural and interpretive conceptual skills through class lectures and rehearsals, demonstrations of instruments, individual tutorials and projects designed according to the student's development and interest. *Prerequisite:* 200, 315 (which may be taken concurrently), or by permission of the instructor. Not offered 1993-94; offered 1994-95.

313 (2) Twentieth-Century Analysis and Composition

A study of compositional devices of 20th-century music through the analysis of selected short

examples from the literature. Students will attend Music 213 classes and will focus on the composition of complete pieces in addition to regular class assignments. *Open to students who have taken 122 or have taken or are taking 200 or 244. Not offered 1993-94; offered 1994-95.*

314 (2) Tonal Composition

A study of tonal forms—the minuet, extended song forms, and the sonata—through the composition of such pieces within the style of their traditional models. Offered in alternation with 313. *Prerequisite: 302 or 244.*

Ms. Zallman

315 (1) Advanced Harmony

Written exercises and analysis focussing on prolongational techniques, chromaticism, structural functions of harmony and the interaction of harmony and rhythm. *Prerequisite: 244. Not offered 1993-94; offered 1994-95.*

333 (1) Topics in the Literature of Music

Topic for 1993-94: Claudio Monteverdi. Claudio Monteverdi (1567-1643) was a decisive figure in the artistic transition from the Renaissance to the Baroque. Through critical listening and in-depth analysis, students will examine Monteverdi's compositional achievements in three important genres: opera, the madrigal, and sacred music. The composer's literary sources will also receive close consideration, as will the controversies sparked by his employment of radical techniques in pursuit of expressive ends. One two-and-one-half hour class meeting. *Prerequisite: 200, 202*

Mr. Panetta

344 (1) (2) Performing Music—A Special Program

Intensive study of interpretation and of advanced technical performance problems in the literature. One hour lesson per week plus a required performance workshop. One to four units may be counted toward the degree provided at least two units in the literature of music other than Music 200 (1-2), a prerequisite for 344, are completed. One of these units must be Grade III work, the other either Grade III or Grade II work which counts toward the major. Music 344 should ordinarily follow or be concurrent with such courses in the literature of music; not more than one unit of 344 may be elected in advance of election of these courses. Only one unit of 344 may be elected per semester. Permission to elect the first unit of 344 is granted only after the student has

successfully auditioned for the department faculty upon the written recommendation of the instructor in performing music. This audition ordinarily takes place in the second semester of the sophomore or junior year. Permission to elect subsequent units is granted only to a student whose progress in 344 is judged excellent. Note that the only credit course in performance that can count for the music major is Music 344, however it may not be counted as a fifth course.

The Staff

350 (1) (2) Research or Individual Study 1 or 2

Directed study in analysis, composition, orchestration, or the history of music. Open to qualified juniors and seniors by permission.

360 Senior Thesis Research (1) (2)

By permission of department. See Directions for Election and Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

For Credit

Africana Studies 209

Culture, Music and Society in Africa. *Not offered in 1993-94.*

Africana Studies 210

Folk and Ritual Music of the Caribbean. *Not offered in 1993-94.*

Directions for Election

The music major is a 10 unit program. The normal sequence of courses for the major is: 122, 244 (theory and harmony); 200 (two consecutive semesters of intensive historical survey); one of the following: 313, 314 (composition), 315 (advanced harmony); a total of two semesters of 300 (a Major Seminar *normally* offered in four modular units per year with changing topics in the areas of history, theory, analysis, plus one special topic module). Also required are three additional elected units of 200 or 300 level work.

A minor in music, a 5 unit program, consists of: 122, 244, both semesters of 200 or one semester of 200 plus another history or literature course, and one additional 300 level course.

The Major Seminar is open both to minors and other students with appropriate prerequisites.

Students who plan to undertake graduate study in music should be aware that a knowledge of both German and French is essential for many kinds of work at that level, and a proficiency in Italian is highly desirable. Also of value are studies in European history, literature, and art.

Music majors and minors are especially urged to develop their musicianship—through the acquisition of basic keyboard skills, through private instruction in practical music, and through involvement in the Music Department's various performing organizations.

Group instruction in basic keyboard skills including keyboard harmony, sight reading and score reading is provided to all students enrolled in any music course (including Music 100 with the instructor's permission and if space is available) and to Music 99 students with the written recommendation of their studio instructor. Ensemble sight reading on a more advanced level is also available for advanced pianists.

The department offers a choice of three programs for Honors, all entitled 360/370. Under Program I (two units of credit) the honors candidate performs independent research leading to a thesis and an oral examination. Under Program II, honors in composition, one unit is elected per semester in the senior year, these units culminating in a composition of substance and an oral examination on the honors work. Prerequisite for this program: 315, distinguished work in 313 and/or in 314. Program III, honors in performance, involves the election of one unit per semester in the senior year culminating in a recital, a lecture demonstration, and an essay on some aspect of performance. Participation in the Performance Workshop is mandatory for students who are concentrating in this area. Prerequisite for Program III: Music 344 (normally two units) in the junior year, and evidence that year, through public performance, of exceptional talent and accomplishment.

Performing Music

Instrument Collection

The Music Department owns 38 pianos (which include 27 Steinway grands, 2 Mason and Hamlin grands, and 5 Steinway uprights), a Fisk practice organ, a harp, and a wide assortment of modern orchestral instruments.

In addition, an unusually fine collection of early instruments, largely reproductions, is available for use by students. These include a clavichord, virginal, two harpsichords, a positive organ, fortepiano, and 2 Clementi pianos; a lute, 8 violas da gamba, a baroque violin, and an 18th century

Venetian viola; a sackbut, krumphorns, shawms, recorders, a renaissance flute, 2 baroque flutes, and a baroque oboe.

Of particular interest is the new Fisk organ in Houghton Chapel, America's first 17th-century German style organ. The chapel also houses a large, three-manual Aeolian-Skinner pipe organ, and Galen Stone Tower contains a 30-bell carillon.

Performance Workshop

The performance workshop is directed by a member of the performing music faculty and gives students an opportunity to perform in an informal situation before fellow students and faculty, to discuss the music itself, and to receive helpful comments. Required for 344 students and for 370 students in Program III, the workshop is open to Wellesley students who study performing music at Wellesley and elsewhere, on the recommendation of their instructor.

Private Instruction

The Music Department offers private instruction in voice, piano, fortepiano, organ, harpsichord, harp, violin, viola, cello, double bass, viola da gamba, flute (baroque and modern), oboe, clarinet, bassoon, horn, trumpet, trombone, recorder, lute, classical guitar, saxophone, jazz piano, and percussion.

Information concerning auditions and course requirements for noncredit and credit study is given above under listings for Music 99, 199, 299, and 344. Except for Music 344, auditions and the basic skills and exemption tests are ordinarily given at the start of the first semester only.

There is no charge for performing music to students enrolled in Music 344, nor to Music 199 or 299 students who are receiving financial assistance. All other Music 199 and 299 students are charged \$563 for one half-hour lesson per week throughout the year. Students who contract for performing music instruction under Music 99 are charged \$563 for one half-hour lesson per week throughout the year and may register for 45-minute or hour lessons for an additional fee. A fee of \$35 per year is charged to performing music students for the use of a practice studio. The fee for the use of a practice studio for harpsichord and organ is \$45. Performing music fees are payable in advance and *are not refundable*. Lessons in performing music begin in the first week of each semester.

For purposes of placement, a basic skills examination is given *before* classes start in the fall semester. *All students registered for 111, 122, or private instruction (Music 99-199) are required to take the examination.*

Arrangements for lessons are made at the Music Department office during the first week of the semester. Students may begin private study in Music 99 at the start of the second semester if space permits.

Academic Credit and Corequisites for Music 199 and 299

Credit for performing music is granted only for study with our own performance faculty, not with an outside instructor; the final decision for acceptance is based on the student's audition. One unit of credit is granted for a full year (two semesters) of study in Music 199 and 299; i.e., both semesters must be satisfactorily completed before credit can be counted toward the degree. Of the 32 units for graduation a maximum of four units of performing music may be counted toward the degree. More than one course in performing music for credit can be taken simultaneously only by special permission of the Department. Music 122 *must* be taken along with the *first semester* of lessons for credit. An additional music course must be elected for each unit of credit after the first year.

The Music Department's 199 and 299 offerings are made possible by the Estate of Elsa Graefe Whitney '18.

Performing Organizations

The following organizations are a vital extension of the academic program of the Wellesley Music Department.

The Wellesley College Choir

The Wellesley College Choir, consists of approximately 60 singers devoted to the performance of choral music from the Baroque period through the twentieth century. Endowed funds provide for joint concerts with men's choral groups and orchestra. The choir gives concerts on and off campus and tours nationally and internationally during the academic year. Auditions are held during orientation week, and rehearsals are on Tuesdays and Thursdays from 6 to 8 p.m.

The Wellesley College Glee Club

The Glee Club, founded in the fall of 1989, consists of about 70 members whose repertoire includes a wide range of choral literature. In addition to local concerts on and off campus, the Glee Club provided music at various chapel services and collaborates with the College Choir at the annual Vespers service. Auditions are held each semester during orientation week, and rehearsals are on Mondays and Wednesdays from 5 to 6:15 p.m.

The Wellesley College Chamber Singers

The Chamber Singers, founded in the fall of 1988,

is a vocal chamber ensemble of 12 to 16 women from the College Choir's finest singers. The group specializes in music for women's voices and women's voices with instruments and gives concerts in conjunction with other college music organizations during the academic year. Their highly acclaimed performances of new music have resulted in invitations to perform at several area music festivals. The Chamber Singers rehearse on Tuesdays and Thursdays from 8 to 9 p.m.

The Collegium Musicum

The Collegium Musicum, directed by a faculty member and several assistants, specializes in the performance of early music. Members of the Collegium enjoy the use of an unusually fine collection of historical instruments. Separate consort instruction is available in viola da gamba, renaissance winds, and recorder for both beginning and advanced players for a nominal fee of \$80 per semester. Members of such groups are encouraged to take private instruction as well. See under Performing Music: Instrument Collection.

The Chamber Music Society

The Chamber Music Society, supervised by a faculty member and assistants, presents three concerts each year, and a number of diverse, informal programs.

The Wellesley College Philharmonic

The Wellesley College Philharmonic is a small symphony orchestra with a membership of approximately 40-50 musicians from Wellesley, MIT, and other surrounding college communities. Selection for membership is based on auditions in the Fall and Spring semesters. The group is directed by a faculty conductor but is run by students with a student assistant conductor, also chosen by audition. Repertoire includes works from several periods for symphonic orchestra, with possibilities for solo performance.

Prism Jazz

Prism Jazz is a faculty-directed jazz ensemble of 9-14 students which plays a wide repertoire of jazz and latin jazz music. The ensemble performs in many campus locations throughout the year and gives joint concerts with other area colleges. Previous jazz experience is not required, although students are encouraged to learn improvisational skills. The full ensemble meets on Thursdays; in addition a smaller core group of 6-8 students meets on Tuesdays.

The MIT Orchestra

Through the Wellesley-MIT Cross Registration program, students on the Wellesley campus are eligible to audition for membership in the MIT Symphony Orchestra.

Yanvalou

Yanvalou, a faculty directed ensemble that performs the traditional music of Africa and the Caribbean, provides the students an opportunity to practice on authentic instruments, and to experience the culture of Africa through its music. In collaboration with the Harambee dancers, Yanvalou performs several concerts throughout the academic year.

Group Instruction

Group instruction in classical guitar, percussion, viol consort, renaissance winds and recorder is available for a fee of \$80 per semester.

Peace Studies

AN INDIVIDUAL MAJOR

Directors: *Shimony, Wasserspring*

Wellesley College offers an active program designed to acquaint students with current issues and events essential to the maintenance of peace. A major in Peace Studies may be designed according to the provision of the Individual Major option. See p. 55. In addition to lectures, workshops, symposia, and internships, the College offers one course which is specifically sponsored by the Peace Studies Program:

259 (1) (B²) Peace and Conflict Resolution

Topic for 1993-94: Peace in the Nuclear Age. The discovery of nuclear fission in the 1930's led to the development of nuclear weapons and nuclear power reactors, both of which have proliferated extensively in the last fifty years, and threaten world peace. The course will examine some of the most pressing policy issues raised by these developments: the danger of mass destruction from superpower arsenals; the problem of proliferation of nuclear weapons to politically volatile countries in both the Third World and in the successor states to the Soviet Union; the possibility of catastrophic accident from a nuclear reactor; and environmental problems from weapons fabrication and nuclear reactor waste. No technical background is required. *Open to all students.*

Mr. Rathjens and Mr. Ruina

In addition to this course, the offerings listed below are representative of other courses in the College which emphasize topics related to peace and conflict resolution.

Africana Studies 205 (1)

The Politics of Race Domination in South Africa

Anthropology 200

Current Issues in Anthropology. *Not offered in 1993-94.*

Anthropology 210

Racism, Ethnic Conflict in the United States and the Third World. *Not offered in 1993-94.*

Anthropology 212

The Anthropology of Law and Justice. *Not offered in 1993-94.*

Anthropology 234 (2)

Urban Poverty

Anthropology 244

Societies and Cultures of the Middle East. *Not offered in 1993-94.*

Anthropology 248

African Cultures in Modern Perspective. *Not offered in 1993-94.*

Anthropology 275

Technology and Society in Third World. *Not offered in 1993-94.*

Anthropology 346 (1)

Colonialism, Development and Nationalism: The Nation State and Traditional Society

History 103 (2)

History in Global Perspective: Cultures in Contact and Conflict

History 263

South Africa in Historical Perspective. *Not offered in 1993-94.*

History 265

History of Modern Africa. *Not offered in 1993-94.*

History 284 (1)

The Middle East in Modern History. *Not offered in 1993-94.*

History 295 (1)

International Relations of the West, 1789-1962

History 298 (2)

Totalitarianism

History 338 (1)

Seminar. European Resistance Movements in World War II

Political Science 221 (1) (2)

World Politics

Political Science 224 (2)

International Security

Political Science 301 (1)

Seminar. Transitions from Communist Rule in Eastern Europe

Political Science 305 (1)

Seminar. The Military in Politics

Political Science 306 (1)

Seminar. Revolutions in the Modern World. *Not offered in 1993-94.*

Political Science 307 (2)

Seminar. Gender, Culture and Political Change

Political Science 308 (2)

Environmental Politics in Industrialized Societies

Political Science 323 (1)

The Politics of Economic Interdependence

Political Science 326

International Politics in the Middle East. *Not offered in 1993-94.*

Political Science 327 (2)

International Organization

Political Science 328

The Politics of East-West Relations. *Not offered in 1993-94.*

Political Science 329

International Law. *Not offered in 1993-94.*

Political Science 330 (2)

Seminar. Negotiation and Bargaining

Political Science 332 (2)

Seminar. People, Agriculture and the Environment

Political Science 345 (2)

Seminar. Human Rights

Political Science 348 (1)

Seminar. Problems in North-South Relations

Religion 226 (1)

Liberation Theology

Religion 230 (2)

Ethics

Religion 257

Contemplation and Action. *Not offered in 1993-94.*

Religion 340 (2)

Seminar. The Holocaust

Sociology 224 (1)

Social Movements, Democracy, and the State

Sociology 338

Seminar. Topics in Deviance, Law and Social Control. *Not offered in 1993-94.*

Spanish 267

The Writer and Human Rights in Latin America. *Not offered in 1993-94.*

Women's Studies 220 (1)

Women, Peace and Protest: Cross-Cultural Visions of Women's Actions

Women's Studies 330 (1)

Seminar. Twentieth-Century Feminist Movements in the First and Third World

Philosophy

Professor: *Chaplin (Chair), Congleton, Menkiti, Piper^{A1}, Putnam, Stadler^{A2}, Winkler^{A2}*

Visiting Professor: *Elgin*

Visiting Associate Professor: *Teuber*

Assistant Professor: *Galloway, McIntyre*

101/Writing 125 (1) Plato and Aristotle

Study of selected dialogues of Plato and treatises of Aristotle. Plato topics to be discussed and written about include his account of the human "psyche," his theory of Forms, and his portrait of Socrates. Studies of Plato's student Aristotle will include learning to speak, write and analyze the philosophical vocabulary which Aristotle developed and which became standard for subsequent Western philosophy. Includes a third session each week. *Open to first year students.*

Ms. Congleton

103 (1) (2) Self and World: Introduction to Metaphysics and Epistemology

This course introduces basic philosophical methods and concepts by exploring a variety of approaches to some central philosophical problems. Topics covered include the existence of God, skepticism and certainty, the relation between mind and body, the compatibility of free will and causal determination, the nature of personal identity, and the notion of objectivity in science and ethics. Readings are drawn from historical and contemporary texts. Discussions and assignments encourage the development of the students own critical perspective on the problems discussed. *Open to all students.*

Ms. McIntyre, Ms. Elgin

106 (1) (2) Introduction to Moral Philosophy

A study of the central issues in moral philosophy from Plato to the present day. Topics include the nature of morality, conceptions of justice, views of human nature and their bearing on questions of value, competing tests of right and wrong. Discussion of contemporary moral problems. Readings in several major figures in the history of moral philosophy. *Open to all students.*

Mrs. Chaplin, Mrs. Stadler, Ms. McIntyre, Ms. Piper

106/Writing 125 (1) Introduction to Moral Philosophy

A study of the central issues in moral philosophy from Plato to the present day. Topics include the

nature of morality, conceptions of justice, views of human nature and their bearing on questions of value, competing tests of right and wrong. Discussion of contemporary moral problems. Readings in several major figures in the history of moral philosophy. Includes a third session each week. *Open to first year students.*

Mrs. Putnam

202 (2) African Philosophy

Initiation into basic African philosophical concepts and principles. The first part of the course deals with a systematic interpretation of such questions as the Bantu African philosophical concept of Muntu and related beliefs, as well as Bantu ontology, metaphysics, and ethics. The second part centers on the relationship between philosophy and ideologies and its implications in Black African social, political, religious, and economic institutions. The approach will be comparative. *Open to seniors and juniors without prerequisite and to sophomores who have taken one other course in philosophy or by permission of the instructor. Satisfies the multicultural requirement.*

Mr. Menkiti

203 (1) Philosophy of Art

An examination of some major theories of art and art criticism. Emphasis on the clarification of such key concepts as style, meaning, and truth, and on the nature of judgments and arguments about artistic beauty and excellence. *Open to first year students who have taken one unit in philosophy, and to sophomores, juniors, and seniors without prerequisite.*

Mrs. Stadler

204 (2) Philosophy and Literature

This course examines the treatment of time, deliberation, love, and freedom in some selected works. Examined also will be the treatment of individual and social ideals, self-knowledge and self-identity, loyalty and commitment to self and others, and the problem of value revision. The course will end with some general discussion of how literature means—how to untangle the truth in fiction and the fiction in truth. *Open to seniors, juniors and sophomores. Not open to first year students.*

Mr. Menkiti

205 Chinese Philosophy

Introductory study in English translation to the ancient philosophies of Confucianism, Taoism,

and Ch'an (Zen) Buddhism. Topics include the importance of community and tradition in the Confucian vision of the good life, the debate among Confucians on the question of whether human nature is innately good, the metaphysical visions of the universe in all three philosophies, and Taoist and Ch'an notions of forgetting self and merging with the universe. *Prerequisite: 101 or 106 or 200. Next offered in 1994-95. Falls under Cooperative Program with Brandeis University. Satisfies the multicultural requirement.*

207 (1) Philosophy of Language

What is the relation between thought and language? Or between language and the world? What is linguistic meaning, and how does it differ from other kinds of meaning? Why does language matter to philosophy? These are some of the issues we shall discuss, drawing upon the work of Frege, Russell, Quine, Grice, Davidson and Chomsky. *Prerequisite: same as for 203.*

Mr. Galloway

213 (2) Social and Political Philosophy

The relation of the individual to the state, in particular, the theory and practice of non-violent resistance (civil disobedience), its aims, methods, achievements, and legitimacy. The course is divided into three parts: (1) Discussion of Antigone, Socrates, Thoreau, Gandhi, and Martin Luther King; (2) Philosophical examination of the nature of obligation and the grounds for giving one's allegiance to any state at all. The role of conscientious objection in a democratic society, the relation between protest and civil liberties, and the legitimacy of non-violent resistance in different kinds of state (e.g. in the Soviet Union, South Africa, and China); (3) Contemporary examples of non-violent resistance, with special reference to opposition to the nuclear arms race. *Prerequisite: same as for 203.*

Mr. Teuber

214 Metaethics

How do we decide which moral theory to accept? Moral philosophers try to convince us through rational argument that their theories are objectively the right ones. We will examine four such attempts—Brandt's, Nagel's, Gewirth's, and Rawls', and evaluate their justificatory successes and failures. *Prerequisite: 106 or another course in ethical theory. Not offered in 1993-94.*

215 (1) Philosophy of Mind

Topics include the mind-body relation; the emotions; knowledge of one's own mind and other

minds; reductionism; philosophical implications of recent work in neuroscience, cognitive science, and artificial intelligence. *Open to sophomores, juniors, and seniors.*

Ms. Elgin

216 (1) (2)

Logic An introduction to the methods of symbolic logic and their application to arguments in ordinary English. Discussion of validity, implication, consistency, proof, and of such topics as the thesis of extensionality and the nature of mathematical truth. *Open to all students.*

Mr. Galloway

217 Philosophy of Science

An introduction to contemporary philosophy of science, concentrating on three issues: (a) What is the relation between theory and evidence in science? (b) What makes a scientific theory good? Is predictive success sufficient, or is literal truth also required? (c) Is science uniquely rational, or do non-scientific methods of belief formation have an equal claim to rationality? *Open to sophomores, juniors, and seniors. Not offered in 1993-94.*

220 (1) (2) Ancient Greek Philosophy

A study of ancient Greek philosophy primarily through study of the dialogues of Plato and the treatises of Aristotle. Emphasis will be on questions of human knowledge, ethics, and politics. *Open to sophomores, juniors and seniors and to first year students in their second semester. Not open to students who have taken 101.*

Ms. Congleton

221 (1) Modern Philosophy

A study of central themes in 17th- and 18th-century philosophy, concentrating on Descartes, Hume, and Kant. Among the topics: theories of perception; the limits of reason; the relationship between mind and body; determinism and freedom; the bearing of science on religion. Reading includes selected texts by Spinoza, Locke, Leibniz, and Berkeley, and by women philosophers of the period, among them Elisabeth of Bohemia, Anne Conway, and Catherine Cockburn. Some discussion of the influence of non-western culture and philosophy. *Prerequisite: one course in Philosophy. Not open to students who have taken Philosophy 200.*

Mr. Winkler

222 American Philosophy

The development of American philosophy from

its beginnings as an attempt to come to terms with Puritanism, through the response to revolution and slavery and the development of Transcendentalism, to its culmination in Pragmatism. Pragmatism, exemplified by Peirce, James, and Dewey, as America's unique contribution to world philosophy occupies roughly half of the course. This course is intended for American studies majors as well as for philosophers. *Prerequisite: 200 or 221 or History 102 or American Studies 101 or by permission of the instructor. Not offered in 1993-94. Offered in 1994-95.*

223 Phenomenology and Existentialism

Central themes in contemporary European philosophy with special emphasis on the contributions of Søren Kierkegaard, Edmund Husserl, Martin Heidegger, and Jean-Paul Sartre. *Prerequisite: 200 or other previous study of Kant accepted as equivalent by the instructor. Not offered in 1993-94. Offered in 1994-95.*

227 (2) Philosophy and Feminism

A variety of feminist perspectives on issues in ethics, political philosophy, and theory of knowledge. Topics include theories of gender difference in moral reasoning; challenges to liberal views on affirmative action, pornography, and equality; and critiques of scientific theory and practice and traditional theory of knowledge which emphasize gender considerations. *Open to sophomores, juniors, and seniors.*

Ms. McIntyre

249 (1) Medical Ethics

A philosophical examination of some central problems at the interface of medicine and ethics. Exploration of the social and ethical implications of current advances in biomedical research and technology. Topics discussed will include psychosurgery, gendersurgery, genetic screening, amniocentesis, euthanasia. *Prerequisite: same as for 203.*

Mr. Menkiti

256 (2) Topics in Logic

This is a course in formal logic, for those who wish to pursue the subject beyond the level of Philosophy 216. The topics include computing machines and their limitations, the completeness of the First Order Predicate Calculus with Identity, the incompleteness of systems of arithmetic, the indefinability of truth, and the unprovability of consistency. *Prerequisite: 216, or permission of the instructor.*

Mr. Galloway

300 (2) Seminar in Modern Philosophy

Topic for 1993-94: Kant's Moral Philosophy. Kant thinks human beings have moral responsibilities to themselves and to one another because they are free, rational, and autonomous; and that these responsibilities are universally and cross-culturally valid! Why does he think this? How can he possibly justify such claims? This course traces the metaethical foundations of Kant's moral views from his conceptions of freedom, reason and the self in the *Critique of Pure Reason*, through the *Groundwork of the Metaphysics of Morals*, the *Critique of Practical Reason*, and the *Religion Within the Limits of Reason Alone*, to the substantive moral theory he develops in the late *Metaphysics of Morals*. *Prerequisite: 200 or 221.*

Ms. Piper

310 (2) Seminar in Ancient Philosophy

Intensive study of the thought of Aristotle through detailed reading of selected texts. Especial attention will be given to Aristotle's ethics, metaphysics and biological treatises. The continuing influence and relevance of Aristotelian thought to the contemporary world will constitute the central theme of our discussions. *Prerequisite: 101, 220 or by permission of the instructor.*

Mrs. Chaplin

313 (1) Seminar in Advanced Topics in Metaphysics and Epistemology

Topic for 1993-94: Reason and Belief. A discussion of central problems in the theory of knowledge, among them the justification of belief, the scope and value of objectivity, and the possibility of scientific progress. *Prerequisite: 200 or 221.*

Mr. Winkler

319 (2) Medieval Philosophy

Topic for 1993-94: Thomas Aquinas. We will study the epistemology and philosophical psychology of Thomas Aquinas (1225-74), with comparison especially to Plato and Aristotle, to two of Aquinas's 12th century sources—the Jewish philosopher Moses Maimonides and the Arabic philosopher Ibn Rushd (Averroes)—and to some 20th century discussions of the philosophy of biology and of feminist theory. Focus will be on Aquinas's theories of the human soul, especially on human intellect and will. *Prerequisite: Philosophy 101 or 220, or, with permission of the instructor, equivalent study of Plato and Aristotle.*

Ms. Congleton

326 (1) Philosophy of Law

A systematic consideration of fundamental issues in the conception and practice of law. Such recurrent themes in legal theory as the nature and function of law, the relation of law to morality, the function of rules in legal reasoning, and the connection between law and social policy are examined. Clarification of such notions as obligation, power, contract, liability, and sovereignty. Readings will cover the natural law tradition and the tradition of legal positivism, as well as such contemporary writers as Hart and Fuller. *Open to juniors and seniors, or by permission of the instructor.*

Mr. Menkiti

330 (2) Seminar in Advanced Topics in Aesthetics

Many of the strategies by which we have been taught to look at images have their origin in a definition of the picture first articulated in the Italian Renaissance: a framed surface or pane situated at a certain distance from the viewer who looks through it to a second world. How well does this model hold up? Is Dutch painting of the seventeenth century no more than a portrait of Holland? Is the relationship of art to the world like that of the eye itself? We shall discuss the nature of representation in painting, photography, and film, looking closely at examples from the seventeenth century, at the work of Rembrandt, Velasquez, and Vermeer, as well as later works by Manet, Courbet, Degas, Cezanne, Picasso, and the abstract expressionists. We shall also look at the photographs of Atget, Ansel Adams, Dorothea Lange, Edward Weston, Walker Evans, Diane Arbus, Alfred Stieglitz, Henri Cartier-Bresson, and Richard Avedon and at films of Antonioni, Renior, and Hitchcock. Use will be made of the collections of art at the Fogg Museum and the Museum of Fine Arts, Boston. *Prerequisite: 203 or another course in philosophy approved by the instructor.*

Mr. Teuber

340 (2) Seminar in Contemporary Ethical and Political Theory

Topic for 1993-94: Moral Relativism. Is morality relative? If so, in what senses, and relative to what? Are individuals or communities the sole determiners of what is right and good, or are there moral standards that apply to all persons and all communities, regardless of what individual persons or communities think? What is the relation between relativism and pluralism? Readings in philosophy, moral psychology, and psy-

chological and cultural anthropology. *Prerequisite: permission of the instructor.*

Ms. Elgin

345 (1) Seminar: Advanced Topics in Philosophy of Psychology and Social Science

Topic for 1993-94: Consciousness. Discussion of recent philosophical work on the nature of consciousness and the adequacy of contemporary materialist approaches to consciousness. *Prerequisite: Philosophy 215 or Psychology 330.*

Ms. Elgin

349 (1) Seminar: Selected Topics in Philosophy

Topic for 1993-94: Philosophy of Action. Many philosophical accounts of freedom involve some version of the claim that an agent acted freely only if she could have done otherwise. But if everything is causally determined, does it follow that none of us acts freely? And if you have performed the right action for the right reasons in some situation in which you simply couldn't have acted wrongly, is your action unfree? We will address these and other questions about the ties between our conception of freedom in action and our views about morality, rationality, and responsibility by examining the work of some contemporary philosophers of action. *Prerequisite: one course in Philosophy*

Ms. McIntyre

350 (1) (2) Research or Individual Study 1 or 2

Open to juniors and seniors by permission.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Course

For Credit

Education 102M (2) (B¹)

Education in Philosophical Perspective

Directions for Election

The philosophy department divides its courses and seminars into three subfields: (A) the history of philosophy: 101, 200, 202, 205, 219, 220, 221, 222, 223, 300, 310, 319, 349 (when the topic is

appropriate); (B) Value Theory: 106, 202, 203, 204, 205, 213, 214, 227, 249, 326, 330, 340, 349 (when the topic is appropriate); (C) Metaphysics and Theory of Knowledge: 103, 202, 204, 205, 207, 215, 216, 217, 256, 313, 345, 349 (when the topic is appropriate). Note: as of this year 200 has been replaced by 221, 219 has been withdrawn; 103 has been added in subfield C and 319 is subfield A.

The major in philosophy consists of at least nine units. Philosophy 220 (or, with permission of the chair, 101) and 221 (or 200) are required of all majors. In order to assure that all majors are familiar with the breadth of the field, each major must take two courses each in subfields B and C. Majors are strongly encouraged to take a third course in subfield A. Students planning graduate work in philosophy should take 216 and acquire a reading knowledge of Latin, Greek, French or German. In order to assure that students have acquired some depth in philosophy, the department requires that each major take at least one 300-level course or seminar in two of the subfields.

The Minor in philosophy consists of FIVE units. No more than one of these courses may be on the 100 level, 220 or 221 (or 200) is required of all minors, at least one of the five units must be on the 300 level.

Philosophy 202 and 205 satisfy the multicultural requirement.

The department offers the following options for earning honors in the major field: (1) writing a thesis or a set of related essays; (2) a two-semester project combining a long paper with some of the activities of a teaching assistant; (3) a program designed particularly for students who have a general competence and who wish to improve their grasp of their major field by independent study in various sectors of the field. A student electing option (2) will decide, in consultation with the department, in which course she will eventually assist and, in the term preceding her teaching, will meet with the instructor to discuss materials pertinent to the course. Option (3) involves selecting at least two related areas and one special topic for independent study. When the student is ready, she will take written examinations in her two areas and, at the end of the second term, an oral examination focusing on her special topic.

The department participates in two exchange programs. First, there is the normal MIT-Wellesley Exchange. MIT has an excellent philosophy department and students are encouraged to consult the MIT catalog for offerings. Second, there is the Brandeis-Wellesley Exchange. Brandeis also has an excellent department and stu-

dents are encouraged to consult the Brandeis catalog for offerings. Starting in 1991-92, Brandeis and Wellesley have been exchanging faculty on a regular basis to enhance the curricular offerings at each institution. In 1993-94, Professor Andreas Teuber will visit from Brandeis in the spring and teach 213 Social and Political Philosophy and 330 Advanced Topics in Aesthetics.

Physical Education and Athletics

Professor: O'Neal (*Chair/Athletic Director*),
Batchelder, Vaughan

Associate Professor: Cochran, Bauman

Assistant Professor: Dix, Hagerstrom, Landau,
Paul, Peck, Slocum

Instructor: Babington, Battle, Colby, Griswold,
Hershkovitz, Kaliouby, Kiefer, Klein, Medeiros,
Neely, Normandeau, Sachs, Weaver, Williams,
Woods, Young

121 (1-2) Physical Education Activities

The instructional program in physical education is divided into four terms, two each semester. To complete the College work in physical education a student must earn 8 credit points. Students are strongly urged to earn the 8 credits by the end of the sophomore year. These credit points do not count as academic units toward the degree, but are required for graduation. Most activities give 2 credit points each term, but certain activities give 3 or more credit points. Several activities are divided into skill levels to provide instruction in homogeneous groups. Special fees are charged for a few courses and are listed in the course descriptions. More detailed information on specific course offerings, skill levels, prerequisites, and numbers of points may be found in the Department of Physical Education and Athletics Curriculum Handbook, and is distributed to each student prior to fall registration. The total program of activities offered in 1993-94 in very general terms follows.

Activity Courses usually scheduled for a semester (2 terms):

<i>First Semester:</i>	Ballet, Jazz Dance, Modern Dance, SCUBA, Self-Defense, Yoga
<i>Second Semester:</i>	Ballet, Golf, Jazz Dance, Modern Dance, Performance Dance Workshop, SCUBA, Self-Defense, Yoga

Activity Courses usually scheduled for Wintersession: Lifeguard Training

Activity Courses usually scheduled for a term:

<i>Activity</i>	<i>Term</i>
aerobics	1,2,3,4
aquarobics	2
archery	1,2,4
badminton	2,3

<i>Activity</i>	<i>Term</i>
canoeing	1,4*
crew	1,4
CPR/first aid	3,4
cross training	4
downhill skiing	3
African dance	2,3
fencing	1,2,3
fitness walking	1,3
golf	1,4
horseback riding	1,2,3,4
lacrosse	2
racquetball	2,3
running	1,4
sailing	1,4
squash	1,2,3,4
stretch and strengthen	1,2,3,4
swimming	1,2,3
tennis	1,2,3,4
volleyball	1,4
wellness	1,2,3,4

* Not offered in 1993-94.

Physical Education and Athletics (Academic Credit) 205 (2) Sports Medicine

The course combines the study of biomechanics and anatomic kinesiology. It focuses on the effects of the mechanical forces which arise within and without the body and their relationship to injuries of the musculoskeletal system. In addition to the lectures, laboratory sessions provide a clinical setting for hands-on learning and introduce students to the practical skills involved in evaluating injuries, determining methods of treatment and establishing protocol for rehabilitation. Academic credit only. *Open to all students.*

Ms. Bauman

Intercollegiate Program

There are opportunities for those who enjoy competition to participate in one of the intercollegiate teams presently sponsored by the Department of Physical Education and Athletics.

These teams include:

Basketball
Crew
Cross-country running
Fencing
Field Hockey
Lacrosse
Soccer
Squash
Swimming/Diving
Tennis
Volleyball

Directions for Election

Each student is expected to complete a minimum of two terms a year until Physical Education 121 is completed. A student may elect a term or semester course, two courses concurrently, or may choose not to elect a course during some terms.

Students should select courses which meet their present and projected interest in physical activities. It is hoped that students will gain knowledge of the relation of physical activity to the maintenance of general well-being; that they will achieve a level of ability, understanding, and participation in sports, dance, and/or exercise so that they may experience satisfaction and enjoyment; and that they will be able to swim with sufficient skill to participate safely in recreational swimming and boating.

A student's choice of activity is subject to the approval of the Department and the College Health Services. Upon recommendation of a College physician and permission of the Department, a student who has a temporary or permanent medical restriction may enroll in a modified program.

Students may continue to enroll in physical education after Physical Education 121 is completed. College faculty and staff may elect activities with permission of the Department.

Physics

Professor: Brown^A, *Ducas*

Associate Professor: *Quivers (Chair)*, *Berg*, *Stark*

Assistant Professor: Hu^A, *Lynker*, *Chowdhury*, *Freed*

Laboratory Instructor: *Bauer*, *Wardell*, *O'Neill*

All courses meet for two periods of lecture weekly and all Grade I and Grade II courses have one three-hour laboratory unless otherwise noted.

100 (2) Musical Acoustics

Production, propagation and perception of sound waves in music; emphasis on understanding of musical instruments and the means of controlling their sound by the performer. No laboratory. Each student will write a term paper applying physical principles to a particular field of interest. Not to be counted toward the minimum major or to fulfill entrance requirement for medical school. *Open to all students. Not offered in 1993-94.*

Ms. Brown

101 (1) Frontiers of Physics

A overview of the evolution of physics from classical to modern concepts. Emphasis will be placed on the revolutionary changes that have occurred in our view of the physical universe with the development of quantum mechanics and the theory of relativity. No laboratory. Not to be counted toward minimum major or to fulfill entrance requirement for medical school. *Open to all students.*

Mr. Stark

102 (2) Musical Acoustics with Laboratory

Same description as 100 except the course is offered with laboratory in alternate weeks and the students will not write a term paper. Not to be counted toward the minimum major or to fulfill entrance requirement for medical school. *Open to all students. Not offered in 1993-94.*

Ms. Brown

103 (1) Physics of Whales and Porpoises

An examination of the scientific and engineering principles embodied in the design of these aquatic animals. Emphasis on an interdisciplinary approach and developing modeling and problem-solving techniques. Topics include: div-

ing and swimming (ideal gas law, fluids, forces); metabolism (energy, thermodynamics, scaling); and senses (waves, acoustics, optics). Laboratories and field trip. Not to be counted toward the minimum major or to fulfill entrance requirement for medical school. *Open to all students. Not offered in 1993-94.*

Mr. Ducas

104 (1) Basic Concepts in Physics I with Laboratory

Mechanics including: statics, dynamics, and conservation laws. Introduction to waves. Discussion meeting weekly. *Open to all students who do not offer physics for admission and by permission of the instructor to juniors and seniors who offer physics for admission. May not be taken in addition to 107. Prerequisite or corequisite: Mathematics 115 or 120.*

Staff

106 (2) Basic Concepts in Physics II with Laboratory

Wave phenomena, electricity and magnetism, light and optics. Discussion meeting weekly. 106 is normally a terminal course. *Prerequisite: 104 and Mathematics 115 or 120.*

Staff

107 (1) (2) Introductory Physics I with Laboratory

Principles and applications of mechanics. Includes: Newton's laws, conservation laws, rotational motion, oscillatory motion, gravitation and basic thermodynamics. Discussion meeting weekly. *Open to students who offer physics for admission. May not be taken in addition to 104. Prerequisite: Mathematics 115, 116 or 120.*

Mr. Ducas (1), Staff (2)

108 (1) (2) Introductory Physics II with Laboratory

Wave phenomena, electricity and magnetism, light and optics. Discussion meeting weekly. *Prerequisite: 107, (or 104 and permission of the instructor) and Mathematics 116 or 120.*

Ms. Lynker (1), Mr. Berg (2)

202 (1) Modern Physics with Laboratory

Basic principles of quantum theory and of atomic and nuclear structure. Introduction to thermodynamics and statistical mechanics. *Prerequisite:*

108 or permission of the instructor and Mathematics 116 or 120.

Mr. Quivers

203 (2) Vibrations, Waves, and Special Relativity with Laboratory

Free vibrations, forced vibrations and resonance, wave motion, superposition of waves, Fourier analysis with applications. Applications from optics, acoustics and nuclear magnetic resonance spectroscopy. Special theory of relativity. *Prerequisite: 108 or permission of the instructor, Mathematics 116 or 120 and Extradepartmental 216. Some computer programming experience is recommended.*

Mr. Berg

219 (2) Modern Electronics Laboratory

Primarily a laboratory course emphasizing construction of both analog and digital electronic circuits. Intended for students in all of the natural sciences and computer science. Approach is practical, aimed at allowing experimental scientists to understand the electronics encountered in their research. Topics include diodes, transistor amplifiers, op amps, digital circuits based on both combinational and sequential logic, and construction of a microcomputer based on a 68000 microprocessor programmed in machine language. Two laboratories per week and no formal lecture appointments. *Prerequisites: Physics 106 or 108 or permission of instructor.*

Ms. Lynker

222 (2) Medical Physics

The medical and biological applications of physics. Such areas as mechanics, electricity and magnetism, optics and thermodynamics will be applied to biological systems and medical technology. Special emphasis will be placed on modern techniques such as imaging tomography (MRI, CAT scans, ultrasound, etc.) and lasers in medicine. *Prerequisite: 106, or 108, and Mathematics 115 or 120, or by permission of the instructor.*

Mr. Ducas

302 (1) Quantum Mechanics

Interpretative postulates of quantum mechanics, solutions to the Schroedinger equation, operator theory, perturbation theory, scattering, matrices. Discussion meeting weekly. *Prerequisite: 202, 203 and Extradepartmental 216.*

Mr. Berg

305 (2) Thermodynamics and Statistical Mechanics

The laws of thermodynamics, ideal gases, thermal radiation, Fermi and Bose gases, phase transformations, and kinetic theory. *Prerequisite:* 202 or permission of the instructor and Extradepartmental 216.

Mr. Ducas

306 (1) Mechanics

Analytic mechanics, oscillators, central forces, Lagrange's and Hamilton's equations, introduction to rigid body mechanics. *Prerequisite:* 203 and Extradepartmental 216 or permission of the instructor.

Staff

314 (2) Electromagnetic Theory

Maxwell's equations, boundary value problems, special relativity, electromagnetic waves, and radiation. *Prerequisite:* 108, 306 and Extradepartmental 216 or permission of the instructor.

Mr. Quivers

349 (2) Application of Quantum Mechanics

Quantum mechanical techniques such as perturbation theory and the WKB method will be developed. Applications to problems in atomic, molecular, and solid-state physics, as well as basic non-linear optics, will be discussed. One lecture and one laboratory per week. *Prerequisite:* Physics 302 or Chemistry 333, or by permission of the instructor.

Staff

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p 65. Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Course

For Credit

Extradepartmental 216 (1) (C)

Mathematics for the Physical Sciences

Directions for Election

A major in physics should ordinarily include 108, 202, 203, 302, 305, 306 and 314. Extradepartmental 216 is an additional requirement. 349 is strongly recommended. One unit of another laboratory science is recommended.

A minor in physics (6 units) should ordinarily include: 104 or 107, 108, 202, 203, 302 (or another unit at the 300 level), and Extradepartmental 216. 350 cannot be counted as a 300 level unit.

Some graduate schools require a reading knowledge of French, German or Russian.

Exemption Examination

An examination for exemption from Physics 108 is offered to students who present one admission unit in Physics. Students who pass this examination will be eligible for Grade II work in physics. No unit of credit will be given for passing this examination.

Political Science

Professor: Miller^{A1}, Schechter^{A2}, Rich^A, Stettner, Just^A, Paarlberg, Krieger(Chair), Joseph^A, Murphy

Visiting Associate Professor: Mandell

Assistant Professor: Drucker, Rao, Entmacher, Dawson

Instructor: DeSipio, Lehring, Moon

Lecturer: Wasserspring, Leymaster

Teaching Fellow: Montoya

Introductory Courses

101 (1) (2) Politics in Theory and Practice

Study of political conflict and consensus. Topics include ways in which political systems deal with problems of leadership, economic development, and social inequality. Comparison of democratic and authoritarian systems, including Classical Athens, Great Britain, Nazi Germany, and the People's Republic of China. Emphasis on the relationship between political thought, governmental institutions, and the policy process. Readings from Plato, Madison, Hitler, Marx and Mao Zedong, as well as contemporary analysts. In 1993-94 one section of Political Science 101 also satisfies the Writing Requirement. It includes a third session each week. For a description of this section, see the Writing Program in this catalog. *Open to all students. Either 101 or 102 is strongly recommended for all further work in political science.*

Mr. Stettner, Ms. Just, Mr. Paarlberg, Ms. Wasserspring, Ms. Dawson, Mr. Lehring

102 (2) States and Societies

An introduction to the study of political science methods. The course will trace the modern development of the state and its changing role in comparative perspective. Topics will include: state formation, citizenship, nationalism, state and economy, sub-national and supra-national pressures. Cases will be drawn from the experiences of Europe, the Third World, and the United States, and explanatory frameworks and theories from all subfields within political science will be examined. *Open to all students. Either 101 or 102 is strongly recommended for all further work in political science.*

Mr. Krieger, Mr. Murphy

Comparative Politics

204 (1) (2) Politics of Development in the Third World

An examination of problems of and approaches to economic development and political legitimization in the 'Third World.' Specific topics to be discussed include colonial legacies, revolution and nationalism, theories of underdevelopment and development, the relationship between economic development policies and political participation, the role of Third World governments and international agencies in the development process. Particular attention will be paid to the role of women in the development process and the effects of different policies on women and gender relations. *Prerequisite: one unit in political science, economics, or history of Africa, Asia, Latin America, or Euro-American imperialism. Satisfies the multicultural requirement.*

Ms. Moon

205 (1) Politics of Western Europe

A comparative study of European states and societies. With primary emphasis on Germany, Britain, and France, the course will focus on the capacities of political systems to adapt to new economic challenges and the agenda of European integration advanced by the European Community. Readings and discussion will emphasize the institutional principles of modern states, the rise and decline of the post-war settlement and class-based politics, and emergent developments including the politicization of race and the resurgence of xenophobic movements. *Prerequisite: one unit in political science or European history; open to juniors and seniors without prerequisite. Not offered in 1993-1994.*

Mr. Krieger

206 (2) Politics of the Former Soviet Union

An introduction to the political development of the Soviet Union and its successor states, from 1917 to the present. Topics include: the evolution of the Soviet political system, 1917-85; sources of the economic, political and social crises that engulfed the USSR during the 1980s; Gorbachev's reform program and reasons for its failure; the emergence of nationalism and the disintegration of the USSR: the potential for a successful transition to capitalist democracy in the Soviet successor states. Particular attention will be paid to the legacy of the old regime in shaping prospects for economic and political reform in the newly independent republics of the

former USSR. *Prerequisite: one unit in political science or Russian language and/or history.*

Ms. Dawson

207 (2) Politics of Latin America

The course will explore Latin American political systems focusing on the problems and limits of change in Latin America today. An examination of the broad historical, economic and cultural forces that have molded Latin American nations. Evaluation of the complex revolutionary experiences of Mexico and Cuba and the failure of revolution in Chile. Focus on the contemporary struggles for change in Central America. Contrasting examples drawn from Mexico, Cuba, Chile, Nicaragua and El Salvador. *Prerequisite: one unit in political science; by permission of the instructor to other qualified students. Satisfies the multicultural requirement.*

Ms. Wasserspring

208 (1) Politics of East Asia

Focus on political change and economic development in China, Japan, and north and south Korea since 1945. Specific areas of study include war and nation-building, political ideology, statesociety relations, economic development strategies and performance, and politics of gender in each of the four societies. The course will also compare and contrast the experiences of two state-led capitalist nations—Japan and south Korea—with those of communist China and north Korea. Problems of economic competition/political conflict and prospects for regional cooperation among the four will also be discussed. *Prerequisite: one unit in political science or East Asian history.*

Ms. Moon

209 African Politics

A comparison of the response of different Sub-Saharan African societies and states to the economic, environmental, and security crises of the 1980s. Consideration of the contrasting prescriptions offered by the Organization for African Unity, the United Nations, and the World Bank, along with the perspectives of different domestic interest groups. *Prerequisite: one unit in political science; by permission to other qualified students. Satisfies the multicultural requirement. Not offered in 1993-94.*

Mr. Murphy

214 (1) Politics of Race and Ethnicity

Colonial experience, economic development, leg-

islation, and immigration policies will be addressed in case studies of countries such as the United States, United Kingdom, South Africa, and India. Themes discussed will include: the response of categories of race and ethnicity to political exigencies; gendered realities in divided societies; and the role of the state in maintaining as well as dismantling discrimination. Focus on the vantage point of racial and ethnic communities to understand relations of power between different groups. *Prerequisite: one unit in political science. Satisfies the multicultural requirement.*

Ms. Rao

239 (2) Political Economy of East Asian Development

Analysis of the relationship between political and economic development in China, Japan, Korea, and Taiwan. Special attention paid to the economic issues of land reform, industrialization, trade policy, foreign aid, and planning versus the market; the political issues to be considered include ideology, authoritarianism, democratization, and the role of the state. The course emphasizes the lessons for economic growth, social equality, and political change provided by the East Asian experience. This is the same course as Economics 239. Students may register for either Political Science 239 or Economics 239. Credit will be given in the department in which the student is registered. Enrollment requires registration in conference section (Political Science 239C). *Prerequisite: Economics 101 or 102 or by permission of the instructors. Satisfies the multicultural requirement. Not offered in 1993-94.*

Mr. Joseph and Mr. Lindauer

301 (1) Seminar. Transitions from Communist Rule in Eastern Europe

An examination of the legacy of communist rule in Eastern Europe and its impact on prospects for successful transitions to democracy in the region. The imposition of communist rule in Eastern Europe following World War II, attempts at reform, and events leading up to the "velvet revolutions" of 1989 will be reviewed. Special emphasis will be placed on the distinctive features of each of these countries and their varying prospects for successful democratization and marketization. Comparison with transitions from authoritarian rule in Latin America, East and Southeast Asia, and South Central Europe will be considered. *Prerequisite: one course dealing with the politics, economics, history, or sociology of communist societies. Enrollment limited; apply in writing to the instructor.*

Ms. Dawson

302 Seminar. Communist Parties and Socialist Societies

An examination of the experience of countries in Europe, Asia, Latin America, and Africa that have been or still are governed by a communist party. Topics to be considered include: the meaning of socialism and communism; how communist parties come to power—and how they lose power; party ideology and organization; equality and inequality in socialist systems; economic planning and economic reform; women in socialist societies; and the future of communism. Special attention will be given to recent events such as the collapse of communist regimes in Eastern Europe and the suppression of the democracy movement in China. *Prerequisite: one course dealing with the politics, economics, history, or philosophy of socialism/communism. Enrollment limited: apply in writing to the instructor. Satisfies the multicultural requirement. Not offered in 1993-94.*

Mr. Joseph

303 (1) The Political Economy of the Welfare State

A comparative study of the foundations of social and welfare policy in Western democracies. Focus will be on the changing character of the welfare state in Europe and America: its development in the interwar years, its startling expansion after World War II, and its uncertain future today as a result of fiscal crisis and diverse political opposition. Themes to be discussed include: state strategies for steering the capitalist economy; problems of redistribution of wealth; social security, health, and unemployment protection; and the implications of welfare policy for class, race, and gender in contemporary society. *Prerequisite: one Grade II unit in American or comparative European politics or macroeconomics or European history; open to juniors and seniors without prerequisite by permission of the instructor.*

Mr. Krieger

304 Seminar. Studies in Political Leadership

A comparative study of the role of political leaders in defining choices and mobilizing support using a variety of conceptual approaches. Review of succession problems and political culture in a variety of democratic and authoritarian societies. Individual research and student reports. *Prerequisite: one Grade II unit in international relations, American or comparative politics, or by permission of the instructor. Enrollment limited; apply in writing to instructor. Not offered in 1993-94.*

305 (1) Seminar. The Military in Politics

Focus on relations between the military and politics. Emphasis on the varieties of military involvement in politics, the causes of direct military intervention in political systems, and the consequences of military influence over political decisions. Themes include the evolution of the professional soldier, military influence in contemporary industrial society and the prevalence of military regimes in Third World nations. Case studies of the United States, Brazil, Peru, Nigeria, Ghana, Egypt. *Open to juniors and seniors by permission of the instructor. Enrollment limited; apply in writing to instructor. Satisfies the multicultural requirement.*

Ms. Wasserspring

306 Seminar. Revolutions in the Modern World

A comparative analysis of the theory and practice of revolutions in the 20th century. Topics include: the meaning and causes of revolution; revolutionary leadership; why people join revolutionary movements; strategies of revolution and counterrevolution; and U.S. policy towards revolutionary movements and regimes. Case studies will include Russia, China, Vietnam, Nicaragua, Iran, and Chile among others. *Open to juniors and seniors by permission of the instructor. Enrollment limited; apply in writing to instructor. Not offered in 1993-94.*

Mr. Joseph

307 (2) Seminar. Gender, Culture and Political Change

A comparative analysis of the impact of change on gender in the Third World. The status of women in traditional societies, the impact of "development" upon peasant women, female urban migration experiences and the impact of the urban environment on women's lives in the Third World are themes to be considered. Special emphasis will be placed on the role of the state in altering or reinforcing gender stereotypes. Emphasis as well will be on comparing cultural conceptions of gender and the factors which enhance or hinder the transformation of these views. Examples will be drawn from all regions of the Third World. *Prerequisite: either 204, 206, 207, 208, or 209, or by permission of the instructor. Satisfies the multicultural requirement.*

Ms. Wasserspring

308 (2) Environmental Politics in Industrialized Societies

An examination of: (1) the emergence and devel-

opment of environmental philosophies (e.g., conservation, preservation, deep ecology) and the policy agendas associated with them; (2) comparative analysis of environmental politics and policy making in the advanced industrialized countries and the former communist bloc; and (3) the politics of international environmental cooperation. Case studies will include nuclear power, global warming, transboundary air pollution, and the "spotted owl" controversy in the United States. This course may qualify as either a comparative politics or an international relations unit, depending upon the student's choice of research paper topic. *Prerequisites: one unit in comparative politics or one unit in international relations; open to other qualified students by permission of the instructor.*

Ms. Dawson

309 (2) Seminar. Democracy Movements in East Asia

Examination of opposition/democracy movements in China, south Korea, and the Philippines. Actors involved include (but are not limited to) students, workers, religious groups, and feminists. Their challenges to governments, their alternative visions and strategies for political participation, their understanding of nationalism, and their simultaneous espousal and rejection of Western (particularly American) values and institutions will be discussed. Movements' efforts at gaining international support will also be examined. Other topics include historical sources, ideological and political content, economic motivations, and organization of various movements. Students are welcome to address issues regarding democracy movements in other Asian societies, e.g., Mongolia, Myanmar, Taiwan, in seminar papers. *Prerequisite: one unit in political science, East Asian history, or any previous study in social movements. Open to juniors and seniors by permission of the instructor. Enrollment limited; apply in writing to the instructor.*

Ms. Moon

American Politics and Law

200 (1) (2) American Politics

The dynamics of the American political process: constitutional developments, growth and erosion of congressional power, the rise of the presidency and the executive branch, impact of the Supreme Court, evolution of federalism, the role of political parties, elections and interest groups. Emphasis on national political institutions and on both historic and contemporary political val-

ues. The course will include analysis of a variety of contemporary policy problems, including such issues as race and sex discrimination, individual liberties, poverty, urban conflict, environmental disruption, inflation, and unemployment. Recommended for further work in American law and politics. *Prerequisite: one unit in political science, economics, or American studies, or by permission of the instructor.*

Ms. Drucker, Mr. DeSipio, Mr. Lehring

210 (2) Political Participation

How citizens express their interests, concerns, and preferences, organize for action, and influence politics. Coursework includes reading, discussion, and direct political participation in an interest group or election campaign. Students consider how issues attract public attention, and how demonstrations, interest groups, political parties, elections, and the mass media affect government policies and decisions. Special attention is given to the impact of money in politics, declining voter participation, and the problems of inequality. *Prerequisite: one unit in political science.*

Mr. DeSipio

212 Urban Politics

Introduction to contemporary urban politics. Study of policy-making and evaluation in the areas of education, transportation, housing, welfare, budgeting and taxation. Consideration of population shifts, regional problems, and the impact of federal policy on urban planning. *Prerequisite: one unit in political science or economics or American studies. Not offered in 1993-94.*

Mr. Rich

215 (1) (2) Courts, Law, and Politics

Fundamentals of the American legal system, including the sources of law, the nature of legal process, the role of courts and judges, and legal reasoning and advocacy. Examination of the interaction of law and politics, and the role and limits of law as an agent for social change. *Prerequisite: 200 or by permission of the instructor.*

Ms. Entmacher

310 (1) Latino Politics

An examination of the role of Latino electorates in shaping state and national politics. We will discuss public policy issues that concern Latinos, successes and failures of Latino empowerment strategies, and the electoral impact of Latino votes. The class will focus on the three largest Latino national-origin groups, Mexican-Americans, Puerto Ricans, and

Cuban Americans, and the degree to which their political agendas are likely to merge or diverge over the coming years. *Prerequisite: 200 or 210 or by permission of the instructor.*

Mr. DeSipio

311 (1) The Supreme Court in American Politics

Analysis of major developments in constitutional interpretation, the conflict over judicial activism, and current problems facing the Supreme Court. Emphasis will be placed on judicial review, the powers of the President and of Congress, federal-state relations, and individual rights and liberties. *Prerequisite: one unit in American legal studies, or by permission of the instructor.*

Mr. Schechter

312 (2) The Criminal Justice System

An examination of how the criminal justice system works, considering the functions of police, prosecutor, defense counsel, and court in the processing of criminal cases; uses of discretionary power in regard to arrest, bail, plea bargaining, and sentencing; changing perceptions of the rights of offenders and victims; current problems in criminal law. Legal research and moot court practice. *Prerequisite: 215 or 311 or by permission of the instructor.*

Mr. Leymaster

313 American Presidential Politics

Analysis of the central role of the president in American politics, and the development and operation of the institutions of the modern presidency. The course will focus on sources of presidential power and limitations on the chief executive, with particular emphasis on congressional relations and leadership of the federal bureaucracy. *Prerequisite: 200 or 210 or by permission of the instructor. Not offered in 1993-94.*

Ms. Drucker

314 (1) Congress and the Legislative Process

An examination of the structure, operation, and political dynamics of the U.S. Congress and other contemporary legislatures. Emphasis will be on Congress: its internal politics, relations with the other branches, and responsiveness to interest groups and the public. The course will analyze the sources and limits of congressional power, and will familiarize students with the intricacies of lawmaking. *Prerequisite: 200 or 210 or by permission of the instructor.*

Ms. Drucker

315 (2) Public Policy and Analysis

The first part of the course will examine how domestic public policy is formulated, decided, implemented and evaluated, at both the federal and local level. Both moral and political standards for making policy will be examined. Factors that promote or impede the development and realization of rational, effective and responsive public policy will be reviewed. The second part of the course will be devoted to student research and presentations on selected policy topics, including public schools, public transportation, homelessness, environment, and drug enforcement. *Prerequisite: 200 or 210 or by permission of the instructor.*

Mr. DeSipio

316 (2) Mass Media in American Democracy

Focus on the role of the mass media in the American democratic process, including the effect of the news media on the information and opinions of the public, the electoral strategy of candidates, and the decisions of public officials. Discussion of the structure of news institutions, journalists' norms, news values, and news production in print and electronic media. Evaluation of news in terms of ideology, bias, diversity of sources and opinions, and analysis of political issues and events. Attention to the coverage of national and international affairs, as well as to issues of race and gender. Ethics in journalism and freedom of the press are explored. *Prerequisite: 200, or 210, or by permission of the instructor.*

Ms. Just

317 (2) The Politics of Health Care

Analysis of how the policy making process in the U.S. has shaped the provision of health care and the response to health issues, and the prospects for reform. Specific issues include national health insurance, AIDS, and the uses of medical technology. *Prerequisite: One unit in American Politics, or by permission of the instructor.*

Ms. Entmacher

318 (1) Seminar. Conservatism and Liberalism in Contemporary American Politics

Examination of the writings of modern conservatives, neo-conservatives, liberals, and libertarians and discussion of major political conflicts. Analysis of such policy questions as the role of the Federal government in the economy, poverty and social welfare, personal liberty, property rights, capital punishment, preventive detention, affirmative action, busing, abortion, school prayer.

Assessment of the impact of interest groups, the president and other political leaders, the media, and Supreme Court justices on constitutional rights and public policies. *Open to juniors and seniors by permission of the instructor. Enrollment limited; apply in writing to instructor.*

Mr. Schechter

319 Seminar. Campaigns and Elections

This seminar focuses on the role of campaigns and elections in American politics. Questions addressed include: how candidates establish their credentials, organize their staffs, develop campaign strategies, take positions on issues, deal with the press, and cope with the complex system of nominations and elections; how the press covers the candidates and the campaign, especially its recruitment and winnowing functions; and how citizens make sense of this process and arrive at voting decisions. Emphasis on declining partisanship, the role of media consultants in campaigns, the use and impact of public opinion polls and political advertising. *Prerequisite: 200 or 210 or by permission of the instructor. Not offered in 1993-94.*

Ms. Just

320 Seminar. Inequality and the Law

Analysis of the emerging constitutional and statutory rights of women and racial minorities. What rights have been sought? What rights have been achieved? To what extent have new legal rights been translated into actual social and governmental practices? Focus on the equal protection and due process clauses of the Fourteenth Amendment, statutes such as Title VII of the 1964 Civil Rights Act, and Supreme Court decisions during the past decade. The seminar will compare litigation with more traditional strategies for changing public policies toward employment discrimination, abortion, affirmative action, school segregation, housing and welfare. *Prerequisite: one unit in American legal studies and by permission of the instructor. Enrollment limited; apply in writing to instructor. Not offered in 1993-94.*

Mr. Schechter

333 (1) Seminar. Ethics and Politics

An exploration of ethical issues in politics, public policy and the press. Critical questions include deception (is it permissible to lie?), "bedfellows" (does it matter who your friends are?), and means and ends (do some purposes justify deception, violence or torture?) Consideration of moral justifications of policies, such as cost-benefit analy-

sis, risk ratios, and social justice as well as the proper role of journalists in holding public officials to an ethical standard. *Prerequisite: one Grade II unit in American politics. Enrollment limited; apply in writing to instructor.*

Ms. Just

334 (2) Seminar. Presidential-Congressional Relations

Study of the formal and informal relationships between the President and Congress. Analysis of such topics as: constitutional sources of presidential-congressional tension, legal and political limits to presidential and congressional power, the overlapping functions of the executive and legislative branches, the electoral connection or competition between these two branches, and conflicts in domestic and foreign policy-making. *Prerequisite: Political Science 200 required; 313 or 314 recommended or another 300 level course in American Politics and Law and permission of the instructor. Enrollment limited; apply in writing to instructor.*

Ms. Drucker

335 Seminar. The First Amendment

Analysis of the role of the Supreme Court in the protection of individual rights guaranteed by the first Amendment to the U.S. Constitution. The seminar will examine the right to criticize government, symbolic expression, pornography, privacy, prior restraints on the press. Struggles over the place of religion in public life, including school prayer, creationism, aid to religious schools, secular humanism, limits on religious freedom will also be studied. *Prerequisite: One unit in American legal studies and permission of the instructor. Enrollment limited; apply in writing to the instructor. Not offered in 1993-94.*

Mr. Schechter

336 (1) Seminar. Women, the Family and the State

Analysis of the development and evolution of public policies toward the family, and their relationship to changing assumptions about "women's place." Consideration of policies toward marriage and divorce; domestic violence; nontraditional families; family planning; the care and support of children; and public welfare. *Prerequisite: one unit in American politics or law. Enrollment limited; apply in writing to instructor.*

Ms. Entmacher

337 (2) Seminar. The Politics of Minority Groups in the United States

An examination of officeholding, voting patterns, coalition formation, and political activities among various racial, ethnic, and religious minority groups in the United States, including Black Americans, Mexican-Americans, Native Americans, Puerto Ricans, Jews, Mormons, Arabs, Asians, Central and South Americans. *Open to juniors and seniors by permission of the instructor. Enrollment limited; apply in writing to the instructor. Satisfies the multicultural requirement. Not offered in 1993-94.*

Ms. Montoya

338 (2) Seminar. Gay and Lesbian Politics in the United States

An exploration of the lesbian and gay political movement in the United States, this seminar will begin with the invention of the medical model of "homosexuality" in the 19th century and trace the rise of a lesbian/gay/bisexual political movement through the twentieth century. The course will adopt an historical approach, examining issues of policy, politics and identity from within these different time periods, including an examination of the rise in lesbian and gay multiculturalism and the advent of lesbian and gay studies as an academic discipline. *Open to juniors and seniors by permission of the instructor. Enrollment limited; apply in writing to the instructor.*

Mr. Lehring

International Relations

221 (1) (2) World Politics

An introduction to the international system with emphasis on contemporary theory and practice. Analysis of the bases of power and influence, the sources of tension and conflict, and the modes of accommodation and conflict resolution. *Prerequisite: one unit in history or political science.*

Miss Miller, Mr. Murphy, Ms. Moon

224 (2) International Security

War as the central dilemma of international politics. Shifting causes and escalating consequences of warfare since the industrial revolution. Emphasis on the risk and avoidance of armed conflict in the contemporary period, the spread of nuclear and conventional military capabilities, arms transfer, arms competition, and arms control. *Prerequisite: one unit in international relations or permission of the instructor.*

Mr. Paarlberg

321 The United States in World Politics

An exploration of American foreign policy since 1945. Readings will include general critiques and case studies designed to illuminate both the processes of policy formulation and the substance of policies pursued. Consideration of future prospects. *Prerequisite: one unit in international relations or by permission of the instructor. Not offered in 1993-94.*

Miss Miller

323 (1) The Politics of Economic Interdependence

A review of the politics of international economic relations, including trade, money, and multinational investment, among rich and poor countries and between East and West. Global issues discussed will include food, population, energy, environment and poor country demands for a New International Economic Order. *Prerequisite: one unit in international relations or comparative politics.*

Mr. Paarlberg

326 International Politics in the Middle East

An examination of the world historical processes that account for the enduring problems of interstate conflict, political stability, and economic development in Middle Eastern politics. Consideration of how state-society relations operate as obstacles or aids to conflict resolution and regional integration. Topics to be covered include: European expansion and the creation of the modern Middle Eastern state system; the problem of post-colonial development and stability; Zionism; pan-Arabism; and the future Arab state system. *Prerequisite: same as for 321. Not offered in 1993-94.*

Mr. Mandell

327 (2) International Organization

The changing role of international institutions since the League of Nations. Emphasis on the UN, plus examination of specialized agencies, multilateral conferences and regional or functional economic and security organizations. The theory and practice of integration beyond the nation-state, as well as the creation and destruction of international regimes. *Prerequisite: one unit in international relations or comparative politics.*

Mr. Murphy

328 The Politics of East-West Relations

An exploration of contentious issues in the post cold-war era. Stress on transitions and transformations in global, regional, and functional settings. *Prerequisite: one unit in international relations or by permission of the instructor. Not offered in 1993-94.*

Miss Miller

329 International Law

The nature and functions of international law in contemporary international society. Study of basic principles of state sovereignty, jurisdiction and recognition will provide a basis for charting the development of international law in respect of the regulation of conflict, ocean and outer space, human rights and the control of terrorism. Problems of law-making and law-observance will be illustrated by case-studies drawn from recent state practice. *Prerequisite: one unit in international relations, or by permission of the instructor. Not offered in 1993-94.*

330 (2) Seminar. Negotiation and Bargaining

An examination of modern diplomacy in bilateral and multilateral settings from the perspectives of both theorists and practitioners. Consideration of the roles of personalities, national styles of statecraft and domestic constraints in contemporary case studies. *Prerequisite: one unit in international relations and by permission of the instructor. Enrollment limited; apply in writing to instructor.*

Miss Miller

332 (2) Seminar. People, Agriculture, and the Environment

An examination of linkages between agricultural production, population growth, and environmental degradation, especially in the countries of the developing world. Political explanations will be sought for deforestation, desertification, habitat destruction, species loss, water pollution, flooding, salinization, chemical poisoning, and soil erosion—all of which are products of agriculture. These political explanations will include past and present interactions with rich countries, as well as factors currently internal to poor countries. Attention will be paid to the local, national, and international options currently available to remedy the destruction of rural environments in the developing world. Enrollment limited to juniors and seniors; apply in writing to the instructor. This course may qualify as either a comparative politics or an international relations unit,

depending upon the student's choice of research paper topic. *Prerequisite: Political Science 204 or 323.*

Mr. Paarlberg

348 (1) Seminar. Problems in North-South Relations

An exploration of historical and contemporary relations between advanced industrial countries and less developed countries, with emphasis on imperialism, decolonization, interdependence, and superpower competition as key variables. Consideration of systemic, regional, and domestic political perspectives. Stress on the uses of trade, aid, investment and military intervention as foreign policy instruments. *Prerequisite: one unit in international relations or permission of the instructor. Enrollment limited; apply in writing to instructor.*

Mr. Murphy

Political Theory and Methods

240 (1) Classical and Medieval Political Theory

Study of selected classical, medieval, and early modern writers such as Plato, Aristotle, Cicero, St. Augustine, St. Thomas Aquinas, Machiavelli, Luther, Calvin, and Hooker. Views on such questions as the nature of political man; interpretations of the concepts of freedom, justice, and equality; legitimate powers of government; best political institutions. Some attention to historical context and to importance for modern political analysis. *Prerequisite: one unit in political science, philosophy, or European history.*

Mr. Stettner

241 (2) Modern Political Theory

Study of political theory from the 17th to 19th centuries. Among the theorists studied are Hobbes, Locke, Hume, Rousseau, Burke, Mill, Hegel, Marx, and Nietzsche. Views on such questions as the nature of political man; interpretations of the concepts of freedom, justice, and equality; legitimate powers of government; best political institutions. Some attention to historical context and to importance for modern political analysis. *Prerequisite: one unit in political science, philosophy, or European history.*

Mr. Stettner

242 Contemporary Political Theory

Study of contemporary 20th-century political and social theories, including existentialism, and contemporary variants of Marxist, fascist, neo-

conservative, and democratic theories. Attention will be paid to theoretically grounded approaches to political inquiry, including functionalism, structuralism, and post-modernist theory. *Prerequisite: one unit in political theory, or social theory, or political philosophy; or by permission of the instructor. Not offered in 1993-94.*

Mr. Krieger

245 (1) Issues in Political Theory

Study of the theoretical dimensions of selected political issues, such as the limits of obedience to government (exploring such concepts as authority, obligation, civil disobedience, and revolution) arguments for and against democracy, the diverse understandings of concepts such as liberty, rights, equality and justice. Attention will be paid to the interpretations of these topics made possible by gender, sexual, and racial/ethnic differences. Readings from classical, modern, and contemporary sources. *Prerequisite: one unit in political science, philosophy, or history, or by permission of the instructor.*

Mr. Lehring

249 (2) Political Science Laboratory

The role of empirical data in the study of comparative politics, public opinion, and political behavior. Frequent exercises introduce students to topics in descriptive statistics, probability and sampling, questionnaire design, cross tabulation, tests of significance, regression, correlation and modeling. Emphasis is on concepts in data analysis. No previous knowledge of mathematics, statistics, or computing is required. *Prerequisite: one Grade II unit in political science or by permission of the instructor.*

Ms. Drucker

340 (2) American Political Thought

Examination of American political writing, with emphasis given to the Constitutional period, Progressive Era, and to contemporary sources. Questions raised include: origins of American institutions, including rationale for federalism and separation of powers, role of President and Congress, judicial review; American interpretations of democracy, equality, freedom and justice; legitimate powers of central and local governments. Attention paid to historical context and to importance for modern political analysis. *Prerequisite: one Grade II unit in political theory, American politics, or American history, or by permission of the instructor.*

Mr. Stettner

342 (2) Marxist Political Theory

Study of the fundamental concepts of Marxist theory, including alienation, the materialist conception of history, class formation and class struggle. Particular attention will be paid to Marx's theory of politics and Lenin's theory of the state, political power, and the problems of socialist transition. Study of contemporary Marxist theory will emphasize issues of class, race and gender. *Prerequisite: one Grade II unit in political theory or by permission of the instructor.*

Mr. Krieger

343 (1) Seminar. New Theoretical Perspectives: The Politics of Identity

Examination of several identity-related issues, including multiculturalism, nationalism, regionalism, and separatism, using the political theories of post-colonialism, post-modernism, critical legal theory, cultural theory, and feminist thought. Questions addressed will include: Is identity predetermined or negotiable? Under what conditions do ascribed and self-acknowledged traits become instruments of empowerment as well as oppression? How does the socially constituted self relate to the community and the state? What are the implications of identity-based politics for liberty, representation, and rights and obligations? Authors include: Gloria Anzaldúa, Michel Foucault, Nancy Fraser, Gayatri Chakravorty Spivak, Patricia Williams. *Prerequisite: one Grade II unit in political theory, philosophy, or by permission of the instructor. Enrollment limited; apply in writing to the instructor. Satisfies the multicultural requirement.*

Ms. Rao

344 (2) Feminist Political Theory

Examination of 19th and 20th-century feminist theory with focus on contemporary debates. The feminist critique of liberalism and socialism will introduce discussion of issues such as methodology, gender differences, race and sexuality. Authors read will include Mill, Marx, Engels, and the contemporary theorists Alison Jaggar, Sandra Harding, Carol Gilligan and Catharine MacKinnon. *Prerequisite: one Grade II unit in political theory, philosophy, or women's studies.*

Ms. Rao

345 (2) Seminar. Human Rights

Examination of the development of the human rights tradition in the West, and its critique from non-Western perspectives. Authors read will include Hobbes, Locke, Rousseau, Mill and

Marx. Consideration of contemporary issues including anticolonialism, feminism, and economic rights versus political rights, and transnational rights and responsibilities. *Prerequisite: one Grade II unit in political theory, philosophy or by permission of instructor. Enrollment limited; apply in writing to instructor.*

Ms. Rao

346 Seminar. Critical Theory

An examination of a tradition within twentieth-century political theory which derives from Marx's critique of political economy and develops insights concerning psychoanalysis, law and social change, the family, the philosophy of history, music theory, and culture. Authors read will include Horkheimer, Adorno, Marcuse, Kirchheimer, and Neumann. *Prerequisite: one Grade II unit in political theory, philosophy, or modern European history. Open to juniors and seniors by permission of the instructor. Enrollment limited; apply in writing to the instructor. Not offered in 1993-94.*

Mr. Krieger

349 Seminar. Liberalism

Study of the development of liberal political theory. Emphasis on the origins of liberalism in such theorists as Locke, Montesquieu, Jefferson, and Mill; adaptation of liberalism to the welfare state in Britain and the United States by T.H. Green, Hobhouse and the American progressives; development of contemporary American liberalism by political figures such as F.D. Roosevelt, Johnson and Humphrey, and theorists such as Rawls and Flathman. Some attention to critiques of liberalism by social democratic, communitarian and neo-conservative writers. *Prerequisite: one Grade II unit in political theory, or by permission of the instructor. Enrollment limited; apply in writing to the instructor. Not offered in 1993-94.*

Mr. Stettner

350 (1) (2) Research or Individual

Study 1 or 2 Individual or group research of an exploratory or specialized nature. Students interested in independent research should request the assistance of a faculty sponsor and plan the project, readings, conferences, and method of examination with the faculty sponsor. *Open to juniors and seniors by permission.*

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

For Credit

Africana Studies 205 (1)

The Politics of Black Domination in South Africa.

Africana Studies 215

Introduction to Afro-American Politics. *Not offered in 1993-94.*

Africana Studies 245 (2)

Caribbean and African Comparative Politics

Africana Studies 306

Urban Development and Planning: Comparative Case Studies. *Not offered in 1993-94.*

Africana Studies 318 Seminar.

Women and the Quest for Modernization and Liberation. *Not offered in 1993-94.*

Directions for Election

The Political Science Department divides its courses and seminars into four sub-fields: Comparative Politics, American Politics and Law, International Relations, and Political Theory and Methods. Either Political Science 101 or 102 is strongly recommended for all further work in political science, particularly for those who are considering a major in the Department. (Students may take only one introductory course, either 101 or 102, but not both.)

In order to ensure that Political Science majors familiarize themselves with the substantive concerns and methodologies employed throughout the discipline, all majors must take one Grade II or Grade III unit in each of the four sub-fields offered by the Department. In the process of meeting this major requirement, students are encouraged to take at least one course or seminar which focuses on a culture other than their own. A major in Political Science consists of at least 8 units.

Recommended first courses in the four subfields are: in Comparative Politics: 204 or 205; in American Politics and Law: 200; in International Relations: 221; in Political Theory and Methods: 240, 241 or 245.

In addition to the distribution requirement, the Department requires all majors to do advanced work in at least two of the four sub-fields. The minimum major shall include Grade III work in two fields and at least one of these Grade III units must be a seminar. *Admission to department seminars is by written application only. Seminar applications may be obtained in the Department office. Majors should begin applying for seminars in the first semester of their junior year, in order to be certain of fulfilling this requirement. Majors are encouraged to take more than the minimum number of required Grade III courses. While units of credit taken at other institutions may be used to fulfill up to two of the four distribution units, the Grade III units required for a minimum major must be taken at Wellesley.*

Although Wellesley College does not grant academic credit for participation in intern programs, students who take part in the Washington Summer Internship Program or the Los Angeles Urban Internship Program may arrange with a faculty member to undertake a unit of 350, Research or Individual Study, related to the internship experience.

Majors considering going to graduate school for a Ph.D. in Political Science should discuss with their advisors the desirability of including quantitative methods, along with appropriate foreign language preparation.

Psychobiology

AN INTERDEPARTMENTAL MAJOR

Co-Directors: Koff, Berger-Sweeney

The Departments of Psychology and Biological Sciences offer an interdepartmental major in psychobiology which provides opportunity for interdisciplinary study of the biological bases of behavior.

A major in psychobiology must include the following core courses: Psychology 101, 205, and a research methods course (207R, 210R, 212R, 214R, 222R or 248R); Biological Sciences 110, 111, and 213. Majors must elect at least one other Grade II course from each department. To be eligible for the Honors program, students must have completed all of the above by the end of the junior year. Additionally, majors must elect two Grade III courses. Acceptable Grade III courses in Biological Sciences are 302, 306, 315, and 332; acceptable Grade III courses in Psychology are 318 and 319. Any other Grade III courses must be specifically approved by the directors.

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of director. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Psychology

Professor: Zimmerman, Furumoto, Schiavo, Clinchy, Koff^{A2}, Pillemer^{A2}, Cheek (Chair)

Associate Professor: Akert^A, Lucas, Hennessey, Mansfield, Garcia Coll

Assistant Professor: Norem, Wink, Genero, Brachfeld-Child^A, Hill, Donahue, Rosenn

Lecturer: Rosen

101 (1) (2)

Introduction to Psychology Study of selected research problems from areas such as personality, child development, learning, cognition, and social psychology to demonstrate ways in which psychologists study behavior. *Open to all students.*

The Staff

205 (1) (2) Statistics

The application of statistical techniques to the analysis of psychological data. Major emphasis on the understanding of statistics found in published research and as preparation for the student's own research in more advanced courses. Three periods of combined lecture-laboratory. Additional optional periods may be arranged for review and discussion. *Prerequisite: 101.*

Ms. Hennessey, Ms. Donahue

207 (1) (2) Developmental Psychology

Behavior and psychological development in infancy, childhood, and adolescence. An examination of theory and research pertaining to personality, social, and cognitive development. Lecture, discussion, demonstration, and observation of children. Observations at the Child Study Center required. *Prerequisite: 101.*

Ms. Clinchy, Mr. Hill

207R (1) (2) Research Methods in Developmental Psychology

An introduction to research methods appropriate to the study of human development. Individual and group projects. Laboratory. Each section typically limited to twelve students. Observations at the Child Study Center required. *Prerequisite: 205 and 207.* *Ms. Clinchy,*

Mr. Pillemer

208 (2) Adolescence

Consideration of physical, cognitive, social and personality development during adolescence. *Prerequisite: 101.*

Ms. Rosen

210 (1) (2) Social Psychology

The individual's behavior as it is influenced by other people and the social situation. Study of social influence, interpersonal perception, social evaluation, and various forms of social interaction. *Prerequisite: 101.*

Ms. Genero, Mr. Hill

210R (1) (2) Research Methods in Social Psychology

An introduction to research methods appropriate to the study of social psychology. Individual and group projects on selected topics. Laboratory. Each section typically limited to twelve students. *Prerequisite: 205 and 210 or 211.*

Ms. Genero, Mr. Schiavo

211 Group Psychology

Study of everyday interaction of individuals in groups. Introduction to theory and research on the psychological processes related to group structure and formation, leadership, communication patterns, etc. *Prerequisite: 101. Not offered in 1993-94. Offered in 1994-95.*

212 (1) (2) Personality

A comparison of major ways of conceiving and studying personality, including the work of Freud, Jung, behaviorists, humanists and social learning theorists. Introduction to major debates and research findings in contemporary personality psychology. *Prerequisite: 101.*

Ms. Norem, Mr. Cheek

212R (1) Research Methods in Personality

An introduction to research methods appropriate to the study of personality. Individual and group projects. Laboratory. Each section typically limited to twelve students. *Prerequisite: 205 and 212.*

Ms. Norem

214R (1) Research Methods in Cognitive Psychology

Introduction to research methods appropriate to the study of human cognition (i.e., how people take in, interpret, organize, remember, and use information in their daily lives). Individual and group projects. Laboratory. Each section typically limited to 12 students. *Prerequisite: 205 and one of the following, 216, 217, 218, 219, Biological Sciences 213.*

Ms. Mansfield

216 Psychology of Language

Introduction to the study of the cognitive processes involved in using language. Theoretical and empirical issues in language will be explored with an interdisciplinary approach. Although the emphasis will be on psychological studies, ideas from linguistics, artificial intelligence, and philosophy of language will be discussed as well. Topics include: word meaning and sentence comprehension, language production and the understanding of discourse and texts. *Prerequisite: 101. Not offered in 1993-94. Offered in 1994-95.*

Ms. Lucas

217 (2) Memory and Cognition

Cognitive psychology is the study of the capabilities and limitations of the human mind when viewed as a system for processing information. An examination of basic issues and research in cognition focusing on memory, attention, pattern recognition, and the representation and use of conceptual knowledge. *Prerequisite: 101.*

Ms. Lucas

218 (2) Sensation and Perception

A survey of the human senses from stimulus to perception. Topics include basic features in vision: color, form, orientation and size; perception of the third dimension; illusions; attention; limits on perception; and the effects of experience and development. Relevant neurophysiological and clinical examples will be reviewed. Laboratory demonstrations. *Prerequisite: 101.*

Ms. Mansfield

219 (1) Physiological Psychology

Study of the biological mechanisms underlying behavior. Topics include organization of the central nervous system, and the biological basis of sensory processing, sleep and dreams, sexual behavior, normal and abnormal emotional behavior, and higher functions such as language and memory. *Not open to students who have taken Biological Sciences 213. Prerequisite: 101.*

Mrs. Koff

222R (2) Research Methods in the Study of Individual Lives

An introduction to research methods appropriate to the study of individual lives. Individual and group projects. Laboratory. Typically limited to twelve students. *Prerequisite: 205 and one other 200-level Psychology course.*

Mrs. Furumoto

212 Psychology

245 (2) Cultural Psychology

Examines how and why cultural factors affect social and developmental psychological processes. Individual, interpersonal, and contextual factors are considered to expand our understanding of increasingly diverse environments. *Prerequisite: 101. Satisfies the multicultural requirement.*

Ms. Genero

248 (1) Psychology of Teaching, Learning, and Motivation

The psychology of preschool, primary, secondary, and college education. Investigation of the many contributions of psychology to both educational theory and practice. Topics include student development in the cognitive, social and emotional realms; assessment of student variability and performance; interpretation and evaluation of standardized tests and measurements; classroom management; teaching style; tracking and ability grouping; motivation; and teacher effectiveness. *Prerequisite: 101.*

Ms. Hennessey

248R (2) Research Methods in Educational Psychology

An introduction to research methods appropriate to the study of educational psychology. Individual and group projects. Laboratory. Each section typically limited to twelve students. Observations at the Child Study Center and other classroom locations required. *Prerequisite: 205 and 248.*

Ms. Hennessey

249 Seminar.

The Psychology of Education The psychology of college education. Exploration of different types of liberal arts colleges from the psychological point of view. Topics include: changes in student attitudes, values, and behavior during the college years; salient features of the college environment as perceived by students and faculty (e.g., competition, achievement); student decision-making (e.g., the major, the career); relationships among students and faculty; the social psychology of the classroom and the residence hall; innovative and traditional teaching techniques; methods of evaluating student learning; single-sex vs. coeducational colleges; the ideal college education for women. First-year students and sophomores are encouraged to apply. *Open by permission of the instructor to students who have taken 101. Not offered in 1993-94.*

302 (2) Health Psychology

An exploration of the role of psychological factors in preventing illness and maintaining good health, in the treatment of illness, and in adjustment to ongoing illness. *Open to students who have taken two Grade II units, excluding 205, and by permission of the instructor to other qualified students. Not offered in 1993-94.*

303 (2) Psychology of Gender

An examination of different theoretical approaches to the study of sex and gender, the social construction and maintenance of gender and current research on gender differences. Topics will include review of arguments about appropriate methods for studying sex and gender and its "legitimacy" as a research focus, gender roles and gender socialization, potential biological bases of gender differences, and the potential for change in different sex-typical behaviors. *Open to juniors and seniors who have taken two Grade II units excluding 205, or by permission of the instructor.*

Ms. Norem

309 (1) (2) Abnormal Psychology

An examination of major psychological disorder with special emphasis on phenomenology. Behavioral treatment of anxiety based disorders, cognitive treatment of depression, psychoanalytic therapy of personality disorders, and biochemical treatment of schizophrenia will receive special attention. Other models of psychopathology will also be discussed. *Open to juniors and seniors who have taken two Grade II units, including 212 and excluding 205.*

Mr. Wink

311 Seminar. Social Psychology

Children and the Physical Environment. Exploration of the field of environmental psychology, the influence of the physical environment on behavior and feelings, with particular attention to children. Emphasis upon relevant concepts such as crowding, privacy, territoriality, and personal space. Specific settings (e.g., urban environments, neighborhoods, playgrounds, classrooms, homes) investigated. Students (in small groups) use observation, interview, or questionnaire techniques to pursue research topics. Individual seminar reports. *Open to juniors and seniors who have taken two Grade II units, including one of the following: 207, 210 or 211 and excluding 205, and by permission of the instructor to other qualified students. File appli-*

cation in department. Written permission is required for all students. Not offered 1993-94.

316 (1) Linguistic Structures and Psychological Processes

Examines the relationship between knowledge about language structure and the psychological processes that use that knowledge in language understanding. The first half of the course will study competing theories about the form of linguistic knowledge. In the second half of the course, experimental studies of spoken and written discourse will be examined with an emphasis on investigations of real-time language processing. Psychological evidence for competing views of the structure of the human language processing system will be evaluated. *Prerequisite: Two Grade II units or by permission of the instructor.*

Ms. Lucas

317 (1) Seminar. Psychological Development in Adults

Exploration of age-related crises and dilemmas in the context of contemporary psychological theory and research. Topics include: intellectual development in adulthood; changing conceptions of truth and moral value; the evolution of identity; gender differences in development. *Open to juniors and seniors who have taken two Grade II units excluding 205, or by permission of the instructor. File application in department. Written permission is required for all students.*

Mrs. Clinchy

318 (1) Seminar. Brain and Behavior

Selected topics in brain-behavior relationships. Emphasis on the neural basis of the higher-order behaviors. Topics include language, perception, learning and memory, hemispheric specialization, and sex differences in lateralization. *Open by permission of the instructor to juniors and seniors who have taken two Grade II units, including one of the following: 216, 217, 218, 219, Biological Sciences 213, and one other Grade II course, excluding 205. File application in department. Written permission is required for all students.*

Mrs. Koff

319 (2) Seminar. Psychobiology

Topic for 1993-94: Developmental Psychobiology. An examination of the development of the nervous system and its relation to behavior. Topics include: the effects of sex hormones on the development of the brain, the effects of early

experience on adult behavior, the development of sleep-wake states, the development of lateralization of the brain, and developmental disorders of the human brain. *Open only by permission of the instructor to juniors and seniors who have taken two Grade II units, including either 219 or Biological Sciences 213, and one other Grade II course, excluding 205. File application in department. Written permission is required for all students.*

Mr. Rosen

325 (2) Seminar. History of Psychology

History of anorexia nervosa from its identification and naming in the 1870s in Great Britain and France to the debates in the United States surrounding its explanation and treatment from the 1940s to the present. The seminar will explore the role of culture, gender, and sociohistorical change in the emergence of this modern disorder. *Open by permission of the instructor to juniors and seniors who have taken 101. File application in department. Written permission is required for all students.*

Mrs. Furumoto

329 (1) Seminar. Lives in Transition

An examination of how people cope with transitions in their adult lives. Particular emphasis on issues of personality and personality change in response to life changes. Topics include: transition from home to college, marriage, parenting, dealing with chronic illness, mid-life crisis, divorce, menarche and menopause, retirement and bereavement. Models of life stages will also be discussed. *Open to juniors and seniors who have taken two Grade II units, excluding 205, and by permission of the instructor. File application in department. Written permission required for all students.*

Mr. Wink

330 (2) Seminar. Cognitive Science

Cognitive Science encompasses work from the fields of cognitive psychology, artificial intelligence, linguistics, philosophy, and the neurosciences. An examination of the pre-theoretical assumptions behind the research in this field. The relation of the mind to the brain, the definition of knowledge and the ability of the computer to "think". *Open to juniors and seniors by permission of the instructor. File application in department. Written permission is required for all students.*

Ms. Lucas

331 (2) Seminar. Psychology of the Self

An examination of psychological approaches to understanding the nature of the self from William James (1890) to contemporary theories, including recent developments in psychoanalytic theory. Topics include: self-awareness, self-esteem, self-presentation, self-actualization, and psychopathology of the self. Development of the self throughout the life span. *Open to juniors and seniors who have taken two Grade II units, excluding 205, and by permission of the instructor to other qualified students. File application in department. Written permission is required for all students.*

Ms. Norem

333 (2) Tests and Measurements

Current approaches to the psychological appraisal of individual differences in personality, intelligence, and special abilities will be investigated through the use of cases. Tests included in the survey are: MMPI, CPI, WAIS, Rorschach and the TAT. Special emphasis will be placed on test interpretation, report writing, and an understanding of basic psychometric concepts such as validity, reliability, and norms. Useful for students intending to pursue graduate study in clinical, personality, occupational, or school psychology. *Open to juniors and seniors who have taken two Grade II units, excluding 205, and by permission of the instructor.*

Mr. Wink

335 Seminar. Memory in Natural Contexts

Topics include autobiographical memory, eyewitness testimony, childhood amnesia, cross-cultural studies of memory, memory in early childhood and old age, and exceptional memory abilities. *Prerequisite: Open to juniors and seniors who have taken two Grade II units, excluding 205. File application in department. Written permission is required for all students. Not offered in 1993-94.*

337 Seminar. The Psychology of Creativity

An explanation of the foundations of modern theory and research on creativity. An examination of methods designed to stimulate creative thought and expression. Topics include: psychodynamic, behavioristic, humanistic and social-psychological theories of creativity; studies of creative environments; personality studies of creative individuals; methods of defining and assessing creativity; and programs designed to increase both verbal and nonverbal creativity. *Open by*

permission of the instructor to juniors and seniors who have taken two Grade II units, excluding 205. File application in department. Written permission is required for all students. Not offered 1993-94.

340 (1) Organizational Psychology

An examination of key topics in organizational psychology including: social environment of the work place, motivation and morale, change and conflict, quality of worklife, work group dynamics, leadership, culture, and the impact of work-force demographics (gender, race, socioeconomic status). Experiential activities, cases, theory and research. *Prerequisite: Open to juniors and seniors who have taken two Grade II units excluding 205, or by permission of the instructor.*

345 (2) Seminar. Selected Topics in Developmental Psychology

Early Social Development. Examination of major psychological theories and research concerning human development from infancy through early childhood across cultures. Topics include the nature-nurture controversy, sociocultural influences on family processes and on the child's social, emotional and cognitive development, and the special case of minority groups in the United States. Includes the development of an individual research project with another cultural group. *Open to juniors and seniors who have taken two Grade II units, including 207, and excluding 205, and by permission of the instructor to other qualified students. File application in department. Written permission is required for all students. Satisfies the multicultural requirement.*

Ms. Garcia Coll

349 Seminar. Nonverbal Communication

An examination of the use of nonverbal communication in social interactions. Systematic observation of nonverbal behavior, especially facial expression, tone of voice, gestures, personal space, and body movement. Readings include scientific studies and descriptive accounts. Students have the opportunity to conduct original, empirical research. Issues include: the communication of emotion; cultural and gender differences; the detection of deception; the impact of nonverbal cues on impression formation; nonverbal communication in specific settings (e.g., counseling, education, interpersonal relationships). *Open to juniors and seniors who have taken two Grade II units, excluding 205, and including 210. File application in department. Written permission is required for all students. Not offered in 1993-94.*

350 (1) (2) Research or Individual Study 1 or 2
Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

For Credit

Africana Studies 225 (1)

Introduction to Black Psychology

Biological Sciences 213 (1)

Biology of Brain and Behavior with Laboratory

Language Studies 322 (2)

Child Language Acquisition

Directions for Election

Majors in psychology must take at least nine courses, including 101, 205, one research course, and three additional Grade II courses, and two Grade III courses. The Department offers six research courses: 207R, 210R, 212R, 214R 222R and 248R. The Department strongly recommends that the research course be completed no later than the end of the junior year. Beginning with the class of 1995, students will be required to take at least one course numbered 207 through 212, and at least one course numbered 216 through 219 or Biological Sciences 213.

A minor in psychology (five courses) consists of: (A) 101, and (B) one course at the 300-level, and (C) three additional courses. Psychology 350 does not count as one of the five courses for the minor. No more than two units in psychology taken at other institutions may be counted toward the minor.

Students should note that they must apply for certain courses in the department prior to preregistration. *Written permission (faculty signature on the pre-registration card) is required for all students for all seminars.* Students should contact the Psychology Department at least two weeks prior to pre-registration to apply for seminars and to secure written permission.

Students interested in an interdepartmental major in psychobiology or cognitive science are referred

to the section of the Catalog where the programs are described. They should consult with the directors of the psychobiology or cognitive science programs.

Advanced placement credit exempts students from the prerequisite of Psychology 101 for upper level courses in the department. First year students with advanced placement wishing to enter upper level courses are advised to consult with the chair or the instructor in the course in which they wish to enroll. The unit given to students for advanced placement in psychology does not count towards the minimum psychology major or minor at Wellesley.

Religion

Professor: *Johnson^{A2}, Hobbs, Koder^{A2}, Marini*

Associate Professor: *Elkins, Nathanson (Chair)*

Assistant Professor: *Nave, Marlow, Aaron*

100 Introduction to Religion

A beginning course in the study of religion, with lectures by all members of the department. The first half is a survey of the world's major religious traditions. The second half is an examination of the interplay between religion and such phenomena as oppression and liberation, the status of women, art and architecture, politics, and modernity. Materials drawn from sources both traditional and contemporary, Eastern and Western. *Open to all students. Not offered in 1993-94.*

Mr. Marini and the Staff

104 (2) Introduction to the Hebrew Bible/Old Testament

Critical introduction to the Hebrew Bible/Old Testament, studying its role in the history and culture of ancient Israel and its relationship to Ancient Near Eastern Cultures. Special focus on the fundamental techniques of literary, historical and source criticism in modern scholarship, with emphasis on the Bible's literary structure and compositional evolution. *Open to all students. Satisfies the multicultural requirement.*

Mr. Aaron

105 (1) (2) Introduction to the New Testament

The writings of the New Testament as diverse expressions of early Christianity. Close reading of the texts, with particular emphasis upon the Gospels and the letters of Paul. Treatment of the literary, theological, and historical dimensions of the Christian scriptures, as well as of methods of interpretation. *Open to all students.*

Mr. Hobbs

107 (1) Critical Issues in Modern Religion

Religious advocates and their adversaries from the Enlightenment to the present. The impact of the natural and social sciences on traditional religious beliefs. Readings in Hume, Marx, Darwin, Freud, and Tillich, as well as liberation, feminist, and pluralist theologians. *Open to all students.*

Mr. Johnson

108 (2) Introduction to Asian Religions

An introduction to the major religions of India, Tibet, China and Japan with particular attention to universal questions such as how to overcome the human predicament, how to perceive ultimate reality, and what is the meaning of death and the end of the world. Materials taken from Islam, Hinduism, Buddhism, Confucianism, Taoism, and Shinto. Comparisons made, when appropriate, with Hebrew and Christian Scriptures. *Open to all students. Satisfies the multicultural requirement.*

Ms. Marlow

108M Introduction to Asian Religions

A critical examination of conceptions of self, world, and absolute value in the formative texts of the historic religions of West Asia, South Asia and East Asia. Readings and discussions organized around such questions as the human condition, search for absolute values, the meaning of death and the end of the world. Taught at MIT. Meets HASS-D requirement at MIT for MIT students. *Open to all Wellesley and MIT students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Mr. Kodera, Ms. Marlow

140 Introduction to Jewish Civilization

A survey of the history of the Jewish community from its beginnings to the present. Exploration of the elements of change and continuity within the evolving Jewish community as it interacted with the larger Greco-Roman world, Islam, Christianity, and post-Enlightenment Europe and America. Consideration given to the central ideas and institutions of the Jewish tradition in historical perspective. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Ms. Nathanson

160 (1) Introduction to Islamic Civilization

A historical survey of the religion and culture of the Islamic world from the seventh century to the present. Topics include literary and artistic expression, architecture, institutions, philosophical and political thought, religious thought and practice, and modern intellectual life. Attention to the interaction among Arabs, Iranians and Turks in the formation of Islamic culture, and the diverse forms assumed by that culture in areas to which Islam later spread. *Open to all students. Satisfies the multicultural requirement.*

Ms. Marlow

199 (1-2) Elementary Hebrew

An introduction to Hebrew with emphasis on its contemporary spoken and written form. Practice in the skills of listening and speaking as well as reading and writing, together with systematic study of Hebrew grammar. Four periods. *No credit will be given for this course unless both semesters are completed satisfactorily. Open to all students.*

Ms. Nave

202 Archaeology and the Bible

An introduction to the archaeology of the Levant, with focus on the interrelationship of excavated and textual data. Topics to be treated include the ancestral traditions in Genesis, the Israelite conquest of Canaan, the development of the "royal cities," popular religion and monotheism, and Israelite and Judean foreign relations. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Ms. Nathanson

204 (2) Law, Social Order and Religious Practice in Hebrew Bible/Old Testament

Evolution of criminal law, jurisprudence, ethical and ritual prescriptions in the Torah, the first part of the Bible. Comparisons drawn with ancient Mesopotamian materials. *Open to all students. Satisfies the multicultural requirement.*

Mr. Aaron

205 Genesis and the Ancient Near East Mythologies

Examination of the historical narrative, mythology and theology of the book of Genesis, especially in comparison with ancient Mesopotamian and Egyptian literatures. Topics include cosmic and human creation stories, the flood motif, Patriarchal/Matriarchal traditions. Methodological introduction to the study of composite texts. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Mr. Aaron

206 (1) Wisdom, Love and Life's Meaning in the Hebrew Bible/Old Testament

Selections from the Writings, the third division of the Hebrew Bible. The problem of evil and justice in the natural order as treated in the Story of Job; existential reflections of Ecclesiastes and the folk wisdom of Proverbs; the heroines of two biblical novellas, Esther and Ruth; love poetry recited in

the voice of a shepherd girl, from the Song of Songs. Comparisons with ancient Egyptian and Mesopotamian literatures. *Open to all students.*
Mr. Aaron

210 The Gospels

A historical study of each of the four canonical Gospels, and of one of the noncanonical Gospels, as distinctive expressions in narrative form of the proclamation concerning Jesus of Nazareth. *Open to all students. Not offered in 1993-94.*
Mr. Hobbs

211 (1) Jesus of Nazareth

Historical study of Jesus, first as he is presented in the Gospels, followed by interpretations of him at several subsequent stages of Christian history. In addition to the basic literary materials, examples from the visual arts and music will be considered, such as works by Michelangelo, Grünewald, J. S. Bach, Beethoven, and Rouault, as well as a film by Pasolini. The study will conclude with the modern "quest for the historical Jesus." *Open to all students.*
Mr. Hobbs

212 Paul: The Controversies of an Apostle

A study of the emergence of the Christian movement with special emphasis upon those experiences and convictions which determined its distinctive character. Intensive analysis of Paul's thought and the significance of his work in making the transition of Christianity from a Jewish to a Gentile environment. *Open to all students. Not offered in 1993-94.*
Mr. Hobbs

215 Christian Classics

Fundamental texts of the Christian tradition examined for their spiritual and theological significance. Works read include Augustine's *Confessions*, Thomas à Kempis's *The Imitation of Christ*, Luther's *On Christian Freedom*, Teresa of Avila's *Autobiography*, Bunyan's *The Pilgrim's Progress*, and Therese of Lisieux's *Story of a Soul*. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*
Ms. Elkins

216 (2) Christian Thought: 100-1600

Good and evil, free will and determinism, orthodoxy and heresy, scripture and tradition, faith and reason, love of God and love of neighbor: issues in the writings of Christian thinkers—

Catholic, Orthodox, and Protestant—from the martyrs to the sixteenth-century reformers. Special attention to the diversity of traditions and religious practices, including the cult of saints, the veneration of icons, and the use of Scripture. *Open to all students.*
Ms. Elkins

218 Religion in America

A study of the religions of Americans from the colonial period to the present. Special attention to the impact of religious beliefs and practices in the shaping of American culture and society. Representative readings from the spectrum of American religions including Aztecs and Conquistadors in New Spain, Anne Hutchinson, Jonathan Edwards, John Wesley, Ralph Waldo Emerson, Isaac Wise, Mary Baker Eddy, Dorothy Day, and Martin Luther King, Jr. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*
Mr. Marini

220 Religious Themes in American Fiction

Human nature and destiny, good and evil, love and hate, loyalty and betrayal, tradition and assimilation, salvation and damnation, God and fate in the novels of Hawthorne, Thoreau, Melville, Harriet Beecher Stowe, Abraham Cahan, Flannery O'Connor, Alice Walker, and Hyemeyohsts Storm. Reading and discussion of these texts as expressions of the diverse religious cultures of nineteenth- and twentieth-century America. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*
Mr. Marini

221 Catholic Studies

Contemporary issues in the Roman Catholic Church, with particular attention to the American situation. Topics include sexual morality, social ethics, spirituality, dogma, women's issues, ecumenism, and liberation theology. Readings represent a spectrum of positions and include works by Thomas Merton, Dorothy Day, Henri Nouwen, the U.S. bishops, and recent popes. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*
Ms. Elkins

225 Women in Christianity

Martyrs, mystics, witches, wives, virgins, reformers, and ministers: a survey of women in Christianity from its origins until today. Focus on women's writings, both historical and contem-

porary. Special attention to modern interpreters—feminists, third-world women, and women of color. *Open to all students. Not offered in 1993-94.*

Ms. Elkins

226 (1) Liberation Theology

An examination of the variety of liberation theologies from 1971 to the present. Focus on the common themes (such as political, economic, and social transformation) and divergent emphases (such as class, gender, race, and religion) of these writings. Readings in Latin American, Black, Jewish, Third World women, and Asian authors. *Open to all students. Satisfies the multicultural requirement.*

Mr. Johnson

227 Post-Modern Theologies

An exploration of three current modes of religious reflection: theology as metaphor, as narrative, and as deconstruction. Readings begin with two 19th-century sources, Kierkegaard and Nietzsche, and include contemporary authors such as Sally McFague, Hans Frei, and Mark Taylor. *Open to all students. Not offered in 1993-94.*

Mr. Johnson

229 Christianity and the Third World

An inquiry into the encounter of Christianity with cultures beyond Europe from the sixteenth century to the present. Critical examination of Christian missions and the emergence of indigenized forms of Christianity in the Third World. Particular attention to contemporary movements including Catholic Liberation base communities and Protestant Pentecostal settlements in Latin America, the Native American Church in the United States, Afro-Caribbean Voodoo, the New Churches of SubSaharan Africa, and the Evangelical Churches of Korea. *Open to all students. Not offered in 1993-94.*

Mr. Marini

230 (2) Ethics

An inquiry into the nature of values and the methods of moral decision-making. Examination of selected ethical issues including racism, sexism, economic justice, the environment, and personal freedom. Introduction to case study and ethical theory as tools for determining moral choices. *Open to all students.*

Mr. Marini

231 Psychology of Religion

An examination of major psychological studies of religion beginning with William James. Readings primarily drawn from four psychoanalytic traditions: Freud, Jung, ego psychology (Erikson), and object relations (Winnicott). Attention to the feminist critics and advocates of each. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Mr. Johnson

241 Introduction to Rabbinic Literature

An introduction to the main Rabbinic Writings of the first half of the first millennium: the Mishnah, the Talmud, the Midrashic writings on Scripture and early mystical texts. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Mr. Aaron

242 (2) Rabbis, Romans and Archaeology

A study of the development of Judaism from the fourth century B.C.E. to the seventh century C.E. An examination of Jewish history and culture in relation to the major religious, social, and political trends of the hellenistic world and of late antiquity. Special attention to the interaction between early Rabbinic Judaism and early Christianity. *Open to all students. Satisfies the multicultural requirement.*

Ms. Nathanson

243 Women in the Biblical World

The roles and images of women in the Bible, and in early Jewish and Christian literature, examined in the context of the ancient societies in which these documents emerged. Special attention to the relationships among archaeological, legal and literary sources in reconstructing the status of women in these societies. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Next offered in 1994-95.*

Ms. Nathanson

244 Jerusalem: The Holy City

An exploration of the history, archaeology and architecture of Jerusalem from the Canaanite and Jebusite settlements of the Bronze Age to the present. Special attention to archaeological and literary sources to reconstruct how Jerusalem's Israelite, Jewish, Christian and Muslim communities shaped and were shaped by one another; and how their religious and political values trans

formed the city. Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94.

Ms. Nathanson

251 Religions in India

An examination of Indian religions as expressed in sacred texts and arts, religious practices and institutions from 2500 B.C.E. to the present. Concentration on the origins and development of indigenous Indian traditions, such as Brahmanism, Hinduism, and Buddhism, as well as challenges from outside, especially from Islam and the West. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Ms. Marlow

253 (1) Buddhist Thought and Practice

A study of Buddhist views of the human predicament and its solution, using different teachings and forms of practice from India, Southeast Asia, Tibet, China and Japan. Topics including the historic Buddha's sermons, Buddhist psychology and cosmology, meditation, bodhisattva career, Tibetan Tantricism, Pure Land, Zen, dialogues with and influence on the West. *Open to all students. Satisfies the multicultural requirement.*

Mr. Kodera

254 Chinese Thought and Religion

Continuity and diversity in the history of Chinese thought and religion from the ancient sage-kings of the third millennium B.C. to Mao. Topics including Confucianism, Taoism, Chinese Buddhism, folk religion and their further developments and interaction. Materials drawn from philosophical and religious works as well as from their cultural manifestations. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94.*

Mr. Kodera

255 Japanese Religion and Culture

Constancy and change in the history of Japanese religious thought and its cultural and literary expression. An examination of Japanese indebtedness to, and independence from, Korea and China, assimilation and rejection of the West, and preservation of indigenous tradition. Topics include: Shinto, developments distinctive to Japanese Buddhism, Neo-Confucianism and its role in modernization and nationalism, threat of Western colonialism and religion, and modern

Japanese thought. Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.

Mr. Kodera

257 Contemplation and Action

An exploration of the inter-relationship between two dimensions of religious life. Materials drawn from religious and cultural traditions, East and West, historic and contemporary. Topics include: self-cultivation and social responsibility, experience of injustice and non-violence, solitude and compassion, human frailty as a basis for courage. Readings selected from Mencius, Mahatma Gandhi, Ryokan, Dag Hammarskjöld, Simone Weil, Thomas Merton, and others. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Mr. Kodera

262 The Formation of the Islamic Religious Tradition

A historical study of the Islamic religious tradition with particular attention to the early centuries in which it reached its classical form. Topics include the life of Muhammad, the Qur'an and Qur'anic interpretation, Prophetic tradition, law, ethics, theology, Shi'ism, and Sufism. Attention to the diversity within the Islamic tradition and to the continuing processes of reinterpretation, into the modern period. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Ms. Marlow

263 Islam in the Modern World

The role of Islam in the development of Turkey, the Arab world, Iran, India and Pakistan in the 19th- and 20th-centuries. Explores the rise of nationalism, secularism, modernism, "fundamentalism," and revolution in response to the political, socio-economic, and ideological crises of the colonialist and post-colonialist period. Issues include legal and educational reform, the status of women, dress, economics. Readings from contemporary Muslim religious scholars, intellectuals, and literary figures. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Ms. Marlow

271 Native American Religious Traditions

A multidisciplinary exploration of the nature, structure, and meaning of ritual act and language in the religious life of Native American cultures of the United States. Study of ritual speech with special attention to myth and symbol. Also

focuses on contemporary issues that involve the confrontation of traditional life ways with modern secular society. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94.*

298 (2) New Testament Greek

Special features of Koiné Greek. Reading and discussion of selected New Testament texts. *Prerequisite: one year of Greek; or exemption examination; or by permission of the instructor.*

Mr. Hobbs

299 (1) (2) Intermediate Hebrew

First semester: an intensive review of modern Hebrew grammar, continued emphasis on oral and written competence, and reading modern literature. Second semester: Biblical Hebrew. Reading in the Hebrew Bible, with special emphasis on differences between Biblical and Modern Hebrew grammar.

Ms. Nave (1), Mr. Aaron (2)

303 (1) Seminar. Themes in the History of Bible Interpretation

Tracing the interpretation of biblical motifs and concepts from the Bible through early Rabbinic writings, early Church Fathers, Gnostic and Mystical literature. Some motifs to be considered: The Adam and Eve story, the Noah Generations, the Sacrifice of Isaac, Revelation on Mt. Sinai. *Prerequisite: 104 or 241, 242, or another course in Hebrew Bible/Old Testament. Satisfies the multicultural requirement.*

Mr. Aaron

308 (2) Seminar. Paul's Letter to the Romans

An exegetical examination of the "Last Will and Testament" of the Apostle Paul, concentrating especially on his theological construction of the Gospel, on his stance vis-à-vis Judaism and its place in salvation-history, and on the theologies of his opponents as revealed in his letters. Members will focus much of their research on current scholarship in the so-called Romans debate. *Prerequisite: at least one course in New Testament.*

Mr. Hobbs

310 Seminar. Gospel of Mark

An exegetical examination of the Gospel of Mark, with special emphasis on its character as a literary, historical, and theological construct, presenting the proclamation of the Gospel in narrative form. The gospel's relationships to the Jesus tradition, to the Old Testament/Septuagint,

and to the christological struggles in the early church will be focal points of the study. *Prerequisite: one course in New Testament. Not offered in 1993-94.*

Mr. Hobbs

316 (2) Seminar. The Virgin Mary

The role of the Virgin Mary in historical and contemporary Catholicism. Topics include biblical passages about Mary; her cult in the Middle Ages; and the appearances at Guadalupe, Lourdes, and Fatima. Attention also to the relation between concepts of Mary and attitudes toward virginity, the roles of women, and "the feminization of the deity." *Prerequisite: one course in medieval history, women's studies, or religion and by permission of instructor.*

Ms. Elkins

318 (1) Seminar. Religion in the American Revolution

American religious culture from 1770 to 1790 and its relationship to the Revolution. Theological debates, revivals, and new sects; the theology of revolution, religious dimensions of the Declaration and the Constitution, and separation of church and state; sacred poetry, sacred song, and popular religious literature. *Prerequisite: one Grade II course in American religion, history, or politics; or permission of the instructor.*

Mr. Marini

323 Seminar. Theology Not offered in 1993-94. Offered in 1994-95.

Mr. Johnson

340 (2) Seminar. The Holocaust

An examination of the origins, character, course, and consequences of Nazi anti-Semitism during the Third Reich. *Prerequisite: a course in one of the following: Judaism, modern European history, modern political theory, or permission of the instructor. Satisfies the multicultural requirement.*

Ms. Nathanson

350 (1) (2) Research or Individual Study 1 or 2

Open to juniors and seniors by permission.

351 (1) Seminar. Religion in Modern India

A study of Indian thought (Hindu, Muslim and Sikh) from the end of the Moghul Empire to the present. Attention to the impact of the British presence on Indian culture and intellectual life, the struggle for independence, the formation of Pakistan, and the rise of "fundamentalisms"

throughout the subcontinent. Focus on the intersection of religious and social issues, such as the caste system, the roles and rights of women, and the relationships between majority and minority communities. Readings from Vivekananda, Gandhi, Tagore, Radhakrishnan, Iqbal, Mawdudi, Rushdie. *Open to juniors and seniors, and to sophomores with permission of the instructor. Satisfies the multicultural requirement.*

Ms. Marlow

353 Seminar. Zen Buddhism

Zen, the long known yet little understood tradition, studied with particular attention to its historical and ideological development, meditative practice, and expressions in poetry, painting, and martial arts. *Prerequisite: one course in Asian Religions and by permission of the instructor. Enrollment limited to fifteen. Satisfies the multicultural requirement. Not offered in 1993-94. Offered in 1994-95.*

Mr. Kodera

355 (1) Seminar. Modern Japanese Thought

An exploration of how modern Japanese thinkers have preserved Buddhism, Confucianism, Taoism and Shinto, while introducing Western thinkers, such as Kant, Heidegger, Kierkegaard, Dostoyevsky and Marx, and created a synthesis to meet the intellectual and cultural needs of modern Japan. Readings include Nishida Kitaro, *The Logic of Place and a Religious World View*; Watsuji Tetsuro, *Climate and Culture*; Uchinnura Kanzo, "No Church Christianity"; Takeuchi Yoshinori, *Philosophy as Metanoia*. *Prerequisite: Religion 255 or equivalent, and permission of the instructor.*

Mr. Kodera

356 Seminar. Ideal Society in Asian Religions

Promises and problems of the ideal society as proposed by the religious thinkers of Asia. Comparative study principally through primary sources in translation. Topics include: Confucian humanitarianism, Maoist equalitarianism and Taoist "no action"; Buddhist monasticism and the "Pure Land"; Hindu utopian communities; "nature" and the emperor system in Shinto. *Prerequisite: at least one course in Asian religions and the permission of the instructor. Enrollment limited to twelve. Satisfies the multicultural requirement. Not offered in 1993-94.*

Mr. Kodera

360 (1) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

362 (2) Seminar. Religion and State in Islam

The relationship between religious authority and political legitimacy in the Islamic world from the seventh century to the present. Issues in the pre-modern period include the problem of justice and the emergence of distinct Sunni and Shi'i ideas of religio-political authority. Issues in the modern period include modernist, secularist, and "fundamentalist" conceptions of religion's role in the nation state. *Open to juniors and seniors, and to sophomores with permission of the instructor. Satisfies the multicultural requirement.*

Ms. Marlow

363 Seminar. Literature of Islamic Societies

An examination of some major works of Arabic and Persian literature, medieval and modern, religious and secular, in their historical and cultural contexts. Emphasis on the portrayal of relationships between the individual, the family, and the larger community. Comparisons made, when appropriate, with European literature. Readings in English translation from the Qur'an, Sufi poetry, the *tâziya* "Passion Play," *epics*, "mirrors for princes," *the Thousand and One Nights*, modern novels, and political poetry. *Open to juniors and seniors, and to sophomores with permission of instructor. Satisfies the multicultural requirement. Not offered in 1993-94.*

Ms. Marlow

370 (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

Attention Called

Classical Civilization 104 (1)

Classical Mythology

Classical Civilization 236/336 (2)

Greek and Roman Religion

History 217

The Making of European Jewry 1085-1815. *Not offered in 1993-94.*

History 218 (1)

Jews in the Modern World 1815-Present

History 219 (2)

The Jews of Spain and the Lands of Islam

History 326 (1)

Seminar. American Jewish History

History 327 (1)

Zionism and Irish Nationalism: A Comparative Perspective

History 328

Anti-Semitism in Historical Perspective. *Not offered in 1993-94.*

History 367 (2)

Seminar. Jewish Ethnicity and Citizenship

Women's Studies 305

Seminar

Directions for Election

In a liberal arts college, the study of religion constitutes an integral part of the humanities and social sciences. Recognizing religion as an elemental expression of human life and culture, past and present, the department offers courses in the major religious traditions of the East and the West. These courses examine both the individual and the collective dimensions of religion and approach their subject from a variety of perspectives including historical and textual, theological and social scientific.

The major consists of a minimum of eight courses, at least two of which are to be at the 300 level. To promote breadth, majors shall complete one course in each of three areas: Biblical Studies; Judaism and Christianity; Islam and Asian Religions. To ensure depth, majors shall concentrate in a special field of interest.

The minor consists of a minimum of five courses, at least one of which is to be at the 300 level, and no more than two of which can be at the 100 level. Three of the five courses, including a 300 level course, shall be within ONE of three areas: Biblical Studies; Judaism and Christianity; Islam and Asian Religions.

Students majoring or minoring in religion shall discuss the structure of their program with a faculty advisor.

For some students, studies in the original language of religious traditions will be especially valuable. Hebrew and New Testament Greek are available in this department. Religion 199 (Ele-

mentary Hebrew) cannot be credited towards the department major or minor; but Religion 299 (1) (first semester of Intermediate Hebrew) can be counted toward the major (although not toward the minor), and Religion 299 (2) (second semester of Intermediate Hebrew) can be counted toward both the major and the minor. Religion 298 (New Testament Greek) and more advanced courses in Hebrew can be credited toward both the major and the minor. Latin, Chinese, and Japanese are available elsewhere in the College; majors interested in pursuing language study should consult their advisors to determine the appropriateness of such work for their programs.

Russian

Professor: *Bones (Chair)*

Assistant Professor: *Hodge*

Lecturer: *Semeka-Pankratov*

Language Instructor: *Lebedinsky*

101-102 (1-2) Elementary Russian

Grammar: oral and written exercises; reading of short stories; special emphasis on oral expression; weekly language laboratory assignments. Four periods. *No credit will be given for this course unless both semesters are completed satisfactorily. Open to all students. Four periods.*

The Staff

201-202 (1-2) Intermediate Russian

Conversation, composition, reading, review of grammar. *No credit will be given for this course unless both semesters are completed satisfactorily. Prerequisite: 101-102 [100] or the equivalent. Four periods.*

Mrs. Bones

205 (1) Intermediate Conversation

Emphasis on developing communication skills through the use of pictures, thematic dialogues, role playing; the patterns and strategies of practical conversation and the language of gestures and intonation. *Prerequisite or corequisite: 201-202 [200]. Not offered in 1993-94. Offered in 1994-95.*

215 (1) Intermediate Reading

Reading of short texts selected from a variety of materials including newspapers, historical commentaries, correspondence and diaries. Emphasis on building comprehension and on appropriate grammatical and stylistic usage of language. Weekly reading assignments and oral presentations. *Prerequisite or corequisite: 201-202 [200]. Not offered in 1993-94.*

225 (1) Soviet Film 1917-1980 (in English)

The history of Soviet film, Lenin's "most important art." Close analysis of several films with extensive reading in film history and theory, interrelation with other arts (literature and painting). Main genres to be examined: documentary, historical recreation, social drama, adaptation from literary sources. *Open to all students. Not offered in 1993-94.*

251 (2) Russian Prose in Translation, from Pushkin to Dostoevsky

A survey of Russian prose from Pushkin to Dostoevsky, focusing on the multi-faceted character of Russian realism and the emergence of Russian literature as a great national literature in the nineteenth century. Major works by Pushkin, Lermontov, Gogol, Goncharov, Turgenev, and Dostoevsky will be read. *Open to all students.*

Mr. Hodge

252 (1) Russian Prose in Translation, from Tolstoy to the Soviet Period

The study of tradition and innovation in Russian prose from the mid-19th century to the Soviet period. Such well-known works as Tolstoy's *Anna Karenina*, and Chekhov's *Ward Six*, as well as seminal works by Sologub, Bely, Zamiatin, Babel, Olesha, and Bulgakov will be read. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Mr. Hodge

301 (1) Advanced Russian

Comprehensive review of the structure of Russian and enrichment of vocabulary through reading and analysis of short texts which focus on Russia's cultural heritage. Contemporary films, songs and newspapers are examined to demonstrate continuity of tradition. *Prerequisite: 201-202 [200]. Three periods.*

Ms. Semeka-Pankratov

302 (2) Modern Literary Russian

Reading of the works of such contemporary writers as Solzhenitsyn, Sinyavsky-Tertz, Akse-
nov and Tolstaya. Emphasis on style and techniques of composition. Introduction to the art of translation. *Prerequisite: 301. Three periods.*

Ms. Semeka-Pankratov

305 (1) Aleksandr Sergeevich Pushkin

Intensive study of Russia's most revered writer, his life, work and era. Critical analysis of his writings and of his influence on important 19th- and 20th-century literary figures. *Prerequisite or corequisite: 301 and/or 302.*

Mr. Hodge

310 (1) Lev Nikolaevich Tolstoy

A sampling of the masterworks beginning with *Childhood* and including *Prisoner of the Caucasus*, *Death of Ivan Illich*, *Father Sergius*, and *Xadzi Murat*. Some nonfiction such as diaries

and articles will be included to explore his spiritual odyssey before and after 1880. Reading, discussions and papers will be primarily in Russian. Before beginning this course, students are expected to have read *War and Peace* in English. *Prerequisite or corequisite: 301 and/or 302. Not offered in 1993-94. Offered in 1994-95.*

315 (2) Fyodor Mikhailovich Dostoevsky

An intensive thematic and formal analysis of Dostoevsky's first major novel *Crime and Punishment* together with selected readings from his notebooks and early drafts as well as related correspondence in an effort to comprehend the artistic expression of Dostoevsky's unique psychological, philosophical, and religious view of the world. *Prerequisite or corequisite: 301 and/or 302. Not offered in 1993-94. Offered in 1994-95*

320 (2) Seminar

Topic for 1993-94: Gods, Demons, and the Supernatural in 19th and 20th-Century Russian Literature. *Prerequisite or corequisite: 301 and/or 302.*

Ms. Semeka-Pankratov

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to qualified students.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Directions for Election

Course 101-102 [100] is counted toward the degree but not toward the major. Courses 251, 252 are counted toward the distribution requirements in Group A and are strongly recommended to students who intend to major in Russian. However, only one of them may count toward the Russian major. A major in Russian is expected to elect three Grade III courses beyond Russian 301 and 302. Students interested in the Russian Area Studies major should see page 226.

Credit toward the major is normally given for an approved summer of study in Russia as well as for approved Junior Year Abroad programs.

Students majoring in Russian should consult the Chair of the department early in their college career.

Attention is called to the related courses in History as well as in Economics, Political Science, Anthropology and Sociology.

Russian Area Studies

AN INTERDEPARTMENTAL MAJOR

Director: *Tumarkin*

Russian Area Studies majors are invited to explore Russia and the lands and peoples of the former Soviet Union through an interdisciplinary study program.

Majors are normally required to take 4 units of the Russian language above the Grade I level, including Russian 301-302. In addition to those 4 units of the Russian language above the Grade I level, a major's program should consist of at least 4 units drawn from Russian literature, history, political science, anthropology, economics and sociology. Majors are required to take at least two Grade III level courses, at least one of which should be outside of the Russian Department. At least three of a major's courses should be outside of the Russian Department.

Majors are encouraged to take advantage of various programs of study in the former Soviet Union, including the opportunity to spend a year on exchange at a university in Russia or one of the other former Soviet republics. Majors who are contemplating postgraduate academic or professional careers in Russian area studies are encouraged to consult with faculty advisors, who will assist them in planning an appropriate sequence of courses.

The following courses are available for majors in Russian Area Studies:

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of director. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Anthropology 247 (1)

Peoples and Cultures of Eurasia (the former U.S.S.R.)

Economics 240

The Russian Economy. *Not offered in 1993-94.*

Economics 301 (2)

Comparative Economic Systems

History 246 (1)

Medieval and Imperial Russia

History 247 (2)

Modern Russia and the Soviet Union

History 356 (1) Seminar. Russian History.

Topic for 1993-94: Russia under the Romanovs: A Spiritual Journey.

History 362

Seminar. The "Great Patriotic War" as Myth and Memory. *Not offered in 1993-94.*

Political Science 206 (2)

Politics of the Former Soviet Union and Eastern Europe

Political Science 301 (1)

Transitions from Communist Rule in Eastern Europe

Russian 251 (2)

Russian Prose in Translation, from Pushkin to Dostoevsky

Russian 252 (2)

Russian Prose in Translation, from Tolstoy to the Soviet Period. *Not offered in 1993-94.*

Russian 305 (1)

Aleksandr Sergeevich Pushkin

Russian 310 (1)

Lev Nikolaevich Tolstoy. *Not offered in 1993-94.*

Russian 315 (2)

Fyodor Mikhailovich Dostoevsky. *Not offered in 1993-94.*

Russian 320 (2)

Seminar. Topic for 1993-94: Gods, Demons, and the Supernatural in 19th and 20th-Century Russian Literature

In addition to the courses listed above, students are encouraged to incorporate MIT's rich offerings in Russian Area Studies into their programs. A partial listing appears below:

17.601

Communism, Revolution, and Reform: Lenin to Gorbachev

17.602, 17.603

Continuity and Change in Soviet Politics

17.609J

Seminar in the Historical and Political Evolution of the Soviet Union

21.268

Topics in Russian and Soviet Culture for Advanced Students

21.270

Pushkin and His Successors

21.271

Contemporary Russian Prose and Poetry

Sociology

Professor: *Silbey*^{A2}, *Imber*

Associate Professor: *Cuba (Chair)*, *Hertz*^{A2}

Assistant Professor: *Cushman*

Instructor: *Noakes*

102 (1) Sociology Perspective: An Introduction to Sociology

An introduction to the discipline of sociology, including its history, central concepts and theoretical perspectives, and methods. Topics include the analysis of the relation between self and society, the formation of social identities, variations among human societies and cultures, the meaning of community, deviance and social control, the evolution and differentiation of societies, and patterns of racial, gender and class stratification. Attention is given to social institutions (such as religion, the family, science, law, economics, and education), and the defining characteristics of modern societies (such as the growth of technology and bureaucracy). *Open to all students.*

Mr. Cushman

103 (2) Social Problems:

An Introduction to Sociology An analysis of how behaviors and situations become defined as social problems, those aspects of life that are said to undermine the social order. Attention to contemporary and cross-cultural issues. Topics include: alcohol and drug abuse, gambling, gun control, crime, homelessness, and teenage pregnancy. *Open to all students.*

Mr. Imber

111 Sociology of the Family: An Introduction to Sociology

The course looks at the rise of the modern family from a comparative perspective. Class discussion will focus on the nature and role of the family and its function for individuals and society. Students will be introduced to controversies over the definition and the "crises" of the family, the emergence of new forms, and projections about its future. The effects of work and social class on the family will be examined; dual-career couples and working-class families will be emphasized. *Open to all students. Not offered in 1993-94; will be offered in 1994-95.*

138 (1) (2) The Social Construction of Deviance:

An Introduction to Sociology Why are some

behaviors, differences, and people stigmatized and considered "deviant" while others are not? This course examines theoretical perspectives on deviance which offer several answers to this question. It focuses on the creation of deviance as an interactive process: how people enter deviant roles and worlds, how others respond to deviance, and how deviants cope with these responses. *Open to all students.*

Mr. Cuba, Ms. Silbey

200 (1) Classical Social Theory

Systematic analysis of the intellectual roots and the development of major sociological themes and theoretical positions from the Enlightenment to the present. *Prerequisite: one Grade I unit. Required of all majors.*

Mr. Imber

201 (2) Contemporary Social Theory

A comprehensive overview of social theories important in the twentieth century. The course examines primary texts representative of both microsociological and macrosociological approaches to social life, including phenomenology, ethnomethodology, dramaturgical analysis, symbolic interaction, structuralism, structural functionalism, conflict theory, class analysis, critical theory, and post-modern theory. *Prerequisite: Sociology 200. Required of all majors. This course was Sociology 300 before 1991-92. Not open to students who took 300 before 1991-92. Open to students who took 201 before 1991-92.*

Mr. Cushman

202 (1) Social Statistics

An introduction to the use of statistics in the social sciences. Both descriptive and inferential statistics are presented as ways of organizing data for the development and testing of hypotheses and as a guide to understanding social science research. Provides the necessary background for 302. *Open to all students. Required of all majors. This course was Sociology 201 before 1991-92. Not open to students who took 201 before 1991-92.*

Mr. Cuba

203 (1) Introduction to African-American Sociology

Introduction to the development of institutions in the Black community from a sociological perspective. Discussion of the Black family, race, class, and power, social organization, race relations, educational issues, employment and the

impact of religion. This is the same course as Africana Studies 203. Students may register for either Sociology 203 or Africana Studies 203. Credit will be given in the department in which the student is registered. *Open to all students.*

Ms. Rollins

204 (2) Third World Urbanization

This course is a historical and comparative examination of urban development in Africa, the Middle East, Latin America and Asia. Beginning with the origins of cities in Mesopotamia, Northeastern Africa, India, China and Central America, the course then focuses on the socioeconomic structure of pre-industrial cities and the later impact of colonialism, concluding with an examination of contemporary issues of Third World cities. This is the same course as Africana Studies 204. Students may register for either Sociology 204 or Africana Studies 204. Credit will be given in the department in which the student is registered. *Open to all students.*

Ms. Rollins

207 Criminology

Systematic examination of the meaning of crime and reactions to crime. Topics include: theories regarding the causes of crime, nature and origins of criminal laws, extent and distribution of criminal behavior, societal reaction to crime through the criminal justice system, penology and corrections. Attention to the relationships among crime, punishment and justice. *Prerequisite: One Grade I unit. Not offered in 1993-94. Offered in 1994-95.*

208 Social Construction of Gender

This course discusses the ways in which the social system and its constituent institutions create, maintain and reproduce gender dichotomies. Gender is examined as one form of social stratification. The processes and mechanisms that institutionalize gender differences will be considered in a variety of contexts: political, economic, religious, educational and familial. We will examine some deliberate attempts to change gender patterns. *Open to all students. Not offered in 1993-94.*

209 (2) Social Inequality: Class, Race, and Gender

This course examines social inequality, primarily in the United States. In addition to current data on inequality, we will consider historical changes in the nature of inequality in America, theoretical explanations of why inequality exists and why it

has taken the form it has, and policy proposals for creating a more equal society. The three factors which most directly affect a person's life chances—class, race and gender—will be examined throughout the semester. *Open to all students.*

Mr. Noakes

213 Law and Society

Study of a day in court and underlying factors that lead to lawful behavior. Study of legal reasoning, types of law and legal systems, and relationship of law to social class and social change. Emphasis upon the profession and practice of law including legal education, stratification within the bar, and the politics of legal services. *Not offered in 1993-94.*

215 (2) Sociology of Popular Culture

An examination of the expression, production, and consequences of various forms of popular culture in comparative-historical and contemporary social contexts. Analysis of the relation between social class and popular culture in history, the production and consumption of popular culture in contemporary capitalist and socialist societies, and the diffusion of American popular culture in the modern world-system. Emphasis on the origin, meaning and social significance of forms of modern popular music such as blues, jazz, reggae, and rock and roll. *Open to all students.*

Mr. Cushman

216 (1) Sociology of Mass Media and Communications

An analysis of the interplay between social forces, media, and communication processes in contemporary society. Focus on the significance of historical changes from oral to written communication, the development and structure of modern forms of mass media such as radio and television, the political economy of the mass media, the rise of advertising and development of consumer culture, the role of the mass media in the formation of cultural representations of other societies and cultures, and the role of the media in the process of identity formation. Discussions also address issues of the social implications of new communication technologies and the role of the media in the democratic process. Students will be expected to use new computer technologies to analyze mass media. *Open to all students.*

Mr. Cushman

217 Power: Personal, Social, and Institutional Dimensions

The study of power extends far beyond formal politics or the use of overt force into the operation of every institution and every life: how we are influenced in subtle ways by the people around us, who makes controlling decisions in the family, how people get ahead at work, whether democratic governments, in fact, reflect the "will of the people." This course explores some of the major theoretical issues involving power (including the nature of dominant and subordinate relationships and types of legitimate authority) and examines how power operates in a variety of social settings: relations among men and women, the family, the community, the corporation, the government, cooperatives and communes. *Prerequisite: one Grade I unit. Not offered in 1993-94; will be offered in 1994-95.*

224 (1) Social Movements, Democracy, and the State

This course examines diversity of social movements (e.g., African-American civil rights, feminism, pro- and anti-abortion groups, and gay and lesbian rights), focusing on the forces that give rise to them and shape their character and trajectory. Major paradigms in social movement theory will be introduced and their validity evaluated using case studies on a range of contemporary social movements. Particular attention will be paid to the intersection between social movements, democratic processes, and the state, and the ways in which "new" social movements differ from earlier forms will be explored. *Open to all students.*

Mr. Noakes

225 Science, Technology and Society

An examination of the social conditions of scientific development and controversy, and the links among scientific work, technological development and everyday life. Topics include: the interrelation of science, government and industry; sociobiology and IQ debates; the politics of science education and the ethics of science research. *Not offered in 1993-94.*

226 Women in Science: Their Lives and Work

This course will explore the pursuit of science by women. Among the issues to be addressed are the nature of scientific work, structure of scientific institutions, women's achievements and recognition in the sciences, work-family choices, and barriers to success. Particular attention will be given to theories concerning women's involve-

ment in the scientific enterprise. The fieldwork component of the course will include in-depth studies of individual Boston-area women scientists representing a variety of scientific disciplines and work settings. *Prerequisite: One unit of Group C with lab, or permission of the instructor. Not offered in 1993-94.*

227 (2) The FBI and the Enforcement of Domestic Tranquility: A Case Study in Organization and Politics

This course takes a single government agency, the Federal Bureau of Investigation, as a case study through which to explore basic questions in the sociology of organizations and politics. In response to what situations or political forces do government agencies get created? Can this be described or is each agency the subject a unique history? How do agencies become institutionalized, that is become relatively permanent features of the government? Specifically, what role does the FBI play in expanding the reach of the American state? What is the relationship between the basic functions of the FBI and the growth of the state? The course will also examine the role and significance of new surveillance technology along with more general history of dissent in twentieth century America.

Mr. Noakes

228 (1) Sociology of the Workplace

This course examines transformations in the nature, meaning and organization of work and management during the twentieth century. Topics include: the process of industrialization; labor force participation and work experience of women; and alternative models for organizing production. Themes include the impact of technological change; worker resistance and alienation; and management strategies and ideology. Special attention will be paid to contemporary social issues such as sexual harassment and the division of labor between men and women. *Open to all students.*

Mr. Noakes

229 Organizations and Organizational Behavior

How do organizations operate? Why do people act the way they do inside organizational settings? Analysis of organizational structure, processes, and behavior. Topics include organizational roles, managerial ideologies, the individual in the organization, power, communication, effectiveness, decision-making, conflict, recruitment, mobility, fast-tracking, risk-taking, initia-

tive, flexibility and rigidity in organizational structure, and organizational change. *Not offered in 1993-94.*

232 Social Institutions At Work: Explorations through Documentary Film

Explores fundamental sociological concepts and processes by close study of major documentary films by Frederick Wiseman: *Welfare, High School, Juvenile Court, Law and Order, Hospital, The Store, Meat, Model*. *Prerequisite: one Grade I unit. Not offered in 1993-94. Offered in 1994-95.*

233 Volunteering in the Welfare State

A broad historical and social examination of volunteering in America and in other nations. The impact of volunteerism on the shape and character of social institutions, including the family, school, church, hospital, and state. Special focus on ethnic and gender variations in forms of volunteering. *Not offered in 1993-94.*

300 (1) Classics of Social Research

This course will focus on reading empirical studies. Contemporary and classic works will be compared. Readings have been selected in order to look at how social processes are similar across differing settings and topics. For example, we will be comparing how doctors and thieves learn their respective professions. Several core concerns of Sociology will be emphasized: socialization, social control, social change, and social inequality. In addition to discussing methodological, theoretical and empirical findings, special attention will be paid to how ethnographers portray the social reality of their subjects, present themselves to readers and deal with the ethical dilemmas they face in collecting data and writing up their findings. *Open to and required of all senior majors. Open to non-sociology majors by permission of the instructor.*

Ms. Hertz

302 (2) Research Methods

An examination of the logic of survey analysis, from the development of hypotheses and construction of a survey instrument to the analysis and reporting of results. Emphasis is on field research experience; class participants work collectively on the design and implementation of a research project of their choice. *Prerequisite: 202 or by permission of the instructor. Sociology 201, taken before 1991-92, satisfies the prerequisite. Required of all majors.*

Mr. Cuba

311 Seminar: Family and Gender Studies

The Family, the State and Social Policy. Analysis of problems facing the contemporary U.S. family and potential policy directions in the 1990s. Discussion of the transformation of the American family including changing economic and social roles for women and expanding varieties of family types. Emphasis on sexuality, teen pregnancy, reproductive issues, day care, the elderly, divorce, welfare, the impact of work on the family, equality between spouses, choices women make about children and employment and the new American dreams will be explored. Comparisons to other contemporary societies will serve as a foil for particular analyses. *Enrollment is limited. Preference will be given to students who have taken family or gender related courses in sociology, anthropology, psychology, political science, history and women's studies. Admission by written application prior to registration. Not offered in 1993-94.*

314 (1) Medical Sociology and Social Epidemiology

Definition, incidence and treatment of health disorders. Topics include: differential availability of health care; social organization of health delivery systems; role behavior of patients, professional staff and others; attitudes toward terminally ill and dying; movements for alternative health care. *Prerequisite: one Grade II unit or by permission of the instructor.*

Mr. Imber

324 (2) Seminar. Social Change

Topic for 1993-94: The American State: A Sociological Examination from the Civil War to the Present

This course examines the relationship between social and political power and the development of the state, primarily through a careful examination of the expansion of governmental structures and power in the United States. Beginning in the Civil War era, the influence of the state in American society will be assessed, as well as various theories of the state and state-building. Topics to be covered include: labor and working class formation; political repression; social welfare programs; industrial planning; women and minorities. *Prerequisite: one Grade II unit in Sociology, Political Science, or Anthropology.*

Mr. Noakes

329 Internship in Organizations: Qualitative Research Methods

An internship in organizational theory and analysis. Required internship assignment in organizations concerned with health, corrections, housing, planning, media, other public or private services, government and industry. The internship is utilized for participant observation of selected aspects of organizational behavior, structure, or process. Seminar sessions are focused on selected topics in organization research and on issues in participant observation and in-depth interviewing. Limited to juniors and seniors. *Prerequisite: one Grade II unit or by permission of the instructor. 228 or 229 is recommended. Admission by application prior to spring registration. Not offered in 1993-94.*

338 Seminar. Topics in Deviance, Law and Social Control

Topic for 1994-95: Contemporary Issues in Criminology. Seminar addresses major themes in contemporary criminology with special attention to changes in the rate and patterns of criminal behavior (e.g., gangs, white collar crime, female criminality), changes in responses to crime (from normalization to containment), and debates in law and public policy (e.g., capital punishment, alternatives to incarceration). Enrollment is limited. *Prerequisite: Sociology 138, 207, 213; Political Science 215, 312. Not offered in 1993-94. Will be offered in 1994-95.*

349 (2) Professions and Professional Ethics

An examination of the social and cultural forces that lead to the creation of professions. What types of work are regarded as professions? What types of ethical obligations pertain to work defined as professional? What does it mean to be a professional? An overview of the rise of modern professional organizations, including law and medicine. *Prerequisite: one Grade II unit or by permission of the instructor.*

Mr. Imber

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

For Credit

Africana Studies 208 (2)
Third World Urbanization

Africana Studies 305 (1)
African American Feminism

Directions for Election

Sociology studies human interaction and how people collectively give meaning to their behavior and lives. The scope of sociology—human social life, groups, and societies—is extremely broad, ranging from the analysis of passing encounters between individuals in the street to the investigation of global change. Sociology examines systematically those patterns of interactions that are regularly and continuously repeated and reproduced across time and space, such as families, formal organizations, or legal systems. This exploration is conducted across many cultures and historical periods describing how social forces (class, gender, race, age, culture) shape individual experience.

A sociology major must include nine courses: Sociology 200, 201, 202, 300 and 302, plus four additional courses. Permission to take a required course for the major elsewhere must be obtained in advance from the department chair. Students are encouraged to explore the full range of disciplines in the liberal arts, and should consult a faculty member to select courses each term and to plan a course of study over several years.

A minor in sociology (6 units) consists of: any Grade I unit, Sociology 200 and 4 additional courses. The plan for this option should be carefully prepared; a student wishing to add the sociology minor to the major in another field should consult a faculty advisor in sociology.

Spanish

Professor: Gascón-Vera, Roses

Associate Professor: Agosín, Vega (Chair)

Assistant Professor: Bou^A, Hall, Syverson-Stork

Lecturer: Renjilian-Burgy^{A1}

Visiting Assistant Professor: Escartín (2)

All courses are normally conducted in Spanish; oral expression is stressed.

The department reserves the right to place new students in the courses for which they seem best prepared regardless of the number of units they have offered for admission.

Courses 101-102 [100] and 201-202 [102] are counted toward the degree but not toward the major.

Students who begin with 101-102 [100] in college and who wish to major should consult the chair in the second semester of their first year.

A minimum of 8 units must be presented for the Spanish major and must include: 241 [201] or 242 [202]; and at least two 300 level units, including a seminar during the senior year. The major should ordinarily include an overview of early Spanish literature (252) [206] and early Spanish American literature (251) [205], respectively.

Spanish 265 [260] is recommended for students whose primary interest lies in Latin America and Spanish 266 [261] is recommended for students whose primary interest is in Spain. Upon approval from the department, up to four courses taken during study abroad in Spain or Latin America may be counted toward the major. The goals of a comprehensive program are: (a) oral and written linguistic proficiency, (b) ability to interpret literary texts and (c) a general understanding of the evolution of Hispanic culture.

For students interested in an interdisciplinary approach to the study of Latin America, also available is the *structured individual major* in Latin American Studies, which allows students to choose from a list of courses in seven different departments, including Spanish. Majors devise their own programs in consultation with the Directors of Latin American Studies. See p. 175.

Qualified juniors are encouraged to spend a semester or a year in a Spanish speaking country, either with Wellesley's PRESHCO Consortium Program of Hispanic Studies in Córdoba, Spain, or another approved program. See p. 63. To be eligible for study in Córdoba for one or two

semesters in Wellesley's "Programa de Estudios Hispánicos en Córdoba" (PRESHCO), a student must be enrolled in 241 [201] or higher level language or literature course the previous semester.

Teacher Certification: Students interested in obtaining certification to teach Spanish in the Commonwealth of Massachusetts should consult the Chair of the Spanish Department and the Chair of the Department of Education.

101-102 (1-2) Elementary Spanish

Introduction to spoken and written Spanish; stress on interactive approach. Extensive and varied drills. Oral presentations. Cultural readings and recordings. Language laboratory exercises. Three periods. No credit will be given for this course unless both semesters are completed satisfactorily. *Open to all students who do not present Spanish for admission.*

The Staff.

201-202 (1-2) Intermediate Spanish

Intensive review of all language skills. Emphasis on oral and written expression. Cultural readings by contemporary Spanish and Spanish American writers. Language laboratory exercises. Three periods. No credit will be given for this course unless both semesters are completed satisfactorily. *Prerequisite: two admission units in Spanish or 101-102.*

The Staff

241 (1) (2) Oral and Written Communication

Practice in conversation and writing. Through frequent oral presentations, written assignments, readings on Hispanic cultures, and the study of audio- and videotapes, students develop the ability to use idiomatic Spanish comfortably in various situations. Two periods per week. *Prerequisite: 201-202, or four admission units or by permission of the instructor.*

The Staff

242 (1) (2) Linguistic and Literary Skills

A course to serve as a transition between language study and literary analysis; speaking and writing organized around interpretations of different genres by modern Hispanic authors; creative writing; oral presentations on current events relating to Spain and Latin America; a review, at the advanced level, of selected problems in Spanish structure. Two periods. *Open to students presenting three admission units.*

Ms. Renjilian-Burgy

247 (1) Advanced Oral Communication in Spanish

Techniques and activities designed to develop fluency and pronunciation in the Spanish language. Included will be an introduction to phonetics. Students will also acquire idiomatic vocabulary through study of Spanish periodicals, audio and video tapes of Spain and Latin America. *Open to seniors. Not offered in 1993-94.*

Ms. Roses

250 (1) Modern Spanish Literature

The search for identity in Spain 1898-1936. Dominant themes and innovations in such authors as Unamuno, Valle Inclán, Baroja, A. Machado, Azorín and Ortega y Gasset. Offered in alternation with 204. *Prerequisite: 241 or 242 or by permission of the instructor.*

Ms. Escartín

251 (2) Freedom and Repression in Spanish American Literature

An introduction to the literature of the Spanish American countries with special focus on the tension between literary expression and the limiting forces of authoritarianism. The constant struggle between the writer and society and the outcome of that struggle will be examined and discussed. Close reading of poetry, chronicles, essay and drama. El Inca Garcilaso, Sor Juana de la Cruz, Rubén Darío, Gabriela Mistral, Pablo Neruda, Octavio Paz. *Prerequisite: same as for 250. Satisfies the multicultural requirement. Not offered in 1993-94.*

Ms. Roses

252 (1) Christians, Jews, and Moors: The Spirit of Spain in its Literature

Intensive study of writers and masterpieces that establish Spanish identity and create the traditions that Spain has given to the world: *Poema del Cid*, Maimónides, Ben Sahl de Sevilla, *La Celestina*, *Lazarillo de Tormes*, *El burlador de Sevilla (Don Juan)*, Garcilaso, Fray Luis de León, Cervantes, Lope de Vega, Calderón. *Prerequisite: same as for 250.*

Ms. Gascón-Vera

253 (2) The Spanish American Short Narrative

The realistic and fantastic short stories of contemporary Spanish America. In-depth analysis of the masters Quiroga, Borges, Cortázar, Rulfo,

and García Márquez. *Prerequisite: same as for 250. Satisfies the multicultural requirement. Not offered in 1993-94.*

Ms. Roses

254 (2) Censorship and Creativity in Spain 1936-1987

From 1936 to the present day. The struggle for self-expression in Franco's Spain and the transition from dictatorship to democracy. A study of the literary styles and accomplishments of contemporary authors: Miguel Hernández, Cela, Goytisolo, Gabriel Celaya, Martín Santos, and Blas de Otero. Offered in alternation with 250. *Prerequisite: same as for 250. Not offered in 1993-1994.*

Mr. Bou

255 (2) Chicano Literature: From the Chronicles to the Present

A survey of the major works of Chicano literature in the United States in the context of the Hispanic and American literary traditions. A study of the chronicles from Cabeza de Vaca to Padre Junípero Serra and nineteenth-century musical forms such as corridos. A critical analysis of the themes and styles of the contemporary renaissance in the light of each author's literary values: Luis Valdez, Rodolfo Anaya, Gloria Anzaldúa, Cherríe Moraga, Sandra Cisneros and others. *Prerequisite: same as for 250. Satisfies the multicultural requirement.*

Mr. Vega

256 (2) Nineteenth-Century Spanish Society as Seen by the Novelist

The masters of nineteenth-century peninsular prose studied through such classic novels as *Pepita Jiménez* by Juan Valera, *Miau* by Pérez Galdós, *Los pazos de Ulloa* by the Countess Pardo Bazán and *La Barraca* by Blasco Ibáñez. Discussions. Student interpretation. *Prerequisite: same as for 250. Not offered in 1993-94.*

Mr. Bou

257 (1) The Word and the Song: Contemporary Latin American Poetry

The study of the themes and voices of Latin American poetry as they appear in the written work and the oral tradition of the folk song. Special emphasis will be on Neruda, Vallejo, Paz, Peri-Rossi, Belli, Dalton. *Prerequisite: same as for 250. Satisfies the multicultural requirement.*

Ms. Agosin

259 (1) Spanish Practicum

Students are placed with various Hispanic organizations in the Boston area to increase their fluency in Spanish through personal and continued contact with the language. Classroom seminars, Hispanic guest lecturers, and films in Spanish complement the students' internship experiences. Readings by Oscar Lewis, Babin, Maldonado Denis, and others. *Prerequisite: 241 or 242 or permission of the instructor. Satisfies the multicultural requirement. Not offered in 1993-94.*

Ms. Roses

260 (2) Women Writers of Spain, 1970 to the Present

A selection of readings—novels, poetry, essays, theatre—by Spanish women writers of the 1970s and 1980s. Carmen Martín Gaité, Rosa Montero, Ester Tusquets, Adelaida García-Morales, Cristina Fernández-Cubas. A close study of the development of their feminist consciousness and their response to the changing world around them. *Prerequisite: same as for 250.*

Ms. Gascón-Vera

261 (2) Contemporary Spanish American Theatre

A critical analysis of the theater of twentieth-century Spanish America. Particular attention will be paid to the socio-historical context as well as to the influence of politics in the structure and themes of some ten to twelve representative plays. Reading will include works by Carballido, Díaz, Dragún, Gambaro, Marqués, Triana, Usigli, Wolff, and others. *Prerequisite: same as for 250. Satisfies the multicultural requirement. Not offered in 1993-94.*

Staff

263 (1) Latin American Literature: Fantasy and Revolution

The interrelation between aesthetic and sociopolitical problems in the works of contemporary Latin American writers, as seen by García Márquez, Cortázar, Paz, Isabel Allende, Fuentes, and Neruda. Special attention will be given to the imaginative vision of Jorge Luis Borges. In English. *Open to all students. Satisfies the multicultural requirement. Not offered in 1993-94.*

Ms. Roses

265 (2) History of Latin America

The political, social, economic, and cultural evolution of the Latin American world from colonial days to the present. Emphasis on colonial institutions and their relations to historical developments in the Iberian peninsula and on the fundamental problems, especially in certain key countries, of modern and contemporary Latin America. In English. *Satisfies the multicultural requirement. Not offered in 1993-94.*

Ms. Roses

266 (1) History of Spain

From the epic struggle between Moors and Christians for the control of the Iberian Peninsula, through the centuries of imperial Spain, to modern Spain with its split between liberals and conservatives, a split which explodes into the apocalyptic Civil War of 1936-39, the history of Spain is explored through readings, lectures, and discussions. The course ends with the study of the Franco dictatorship (1939-75) and post-Franco Spain. In English. *Not offered in 1993-94.*

Mr. Bou

267 (1) The Writer and Human Rights in Latin America

The role of the Latin American writer as witness and voice for the persecuted. Through key works of poetry and prose from the sixties to the present, how literary creation treats themes such as: censorship and self-censorship; the writer as journalist; disappearances; exile; victim and torturer; women and human rights; and testimonial narratives. The works of Benedetti, Timmerman, Aguilar, and others will be studied. *Prerequisite: same as for 250. Satisfies the multicultural requirement. Not offered in 1993-94.*

Ms. Agosin

269 (2) Caribbean Literature and Culture

An introduction to the major literary, historical and artistic traditions of the Caribbean. Attention will focus on the Spanish-speaking island countries: Cuba, Dominican Republic, Puerto Rico. Authors will include Juan Bosch, Lydia Cabrera, Cabrera Infante, Julia de Burgos, Alejo Carpentier, Nicolás Guillén, René Márquez, Luis Palés Matos, Pedro Juan Soto. *Prerequisite: same as for 250. Satisfies the multicultural requirement. Not offered in 1993-94.*

Ms. Renjilian-Burgy

300 (2) Honor, Monarchy and Religion in the Golden Age Drama

The characteristics of the Spanish drama of the Golden Age. Analysis of ideals of love, honor, and religion as revealed in the drama. Representative masterpieces of Lope de Vega, Guillén de Castro and Ruiz de Alarcón, Tirso de Molina, Calderón. *Offered in alternation with 302. Open to students who have taken two Grade II units including one unit in literature.*

Ms. Gascón-Vera.

302 (2) Cervantes

A close reading of the Quixote with particular emphasis on Cervantes' invention of the novel form: creation of character, comic genius, hero versus anti-hero, levels of reality and fantasy, history versus fiction. *Prerequisite: same as for 300.*

Ms. Gascón-Vera

303 (2) Creative Writing in Spanish

This course will explore the craft of writing poetry and short stories in Spanish. Attention will be given to the study of the aesthetics as well as craft in lyrical works and short narratives. Emphasis will be placed on discussion of student work, focusing on basic skills and grammatical knowledge involved in creative writing in a foreign language. Readings from Latin America's most distinguished authors will be assigned. *Prerequisite: same as for 300.*

Ms. Agosin

305 (1) Hispanic Literature of the United States

A study of U.S. Hispanic writers of the Southwest and East Coast from the Spanish colonial period to the present. Political, social, racial and intellectual contexts of their times and shared inheritance will be explored. Consideration of the literary origins and methods of their craft. Authors may include: Cabeza de Vaca, Gaspar de Villagrà, José Villarreal, Lorna Dee Cervantes, José Martí, Uva Clavijo, Ana Velilla, Pedro Juan Soto, Miguel Algarín, Edward Rivera. *Prerequisite: same as for 300. Satisfies the multicultural requirement. Not offered in 1993-94.*

Ms. Renjilian-Burgy.

311 (2) Seminar. The Literary World of Gabriel García Márquez and the Post-Boom

An in-depth study of the literary career of Gabriel García Márquez, from his beginnings as a newspaper reporter in his native Colombia to his

emergence as a major novelist and short story writer. Emphasis on his achievements as a Latin American writer and a universal and cosmopolitan figure. Works to be read include: *El coronel no tiene quién le escriba*, *La mala hora*, *La hojarasca*, *Cien años de soledad*, *El otoño del patriarca* and *Crónica de una muerte anunciada*. *Prerequisite*: same as for 300. Open to seniors or with permission of Department. Satisfies the multicultural requirement.

Ms. Roses

315 (2) Seminar. Luis Buñuel and the Search for Freedom and Morality

Students will read the scripts and view the films most representative of alternative possibilities of freedom expressed by Luis Buñuel. The course will focus on the moral issues posed in his films and will start with a revision of the historical motivations of the Buñuel perspective: Marxism, Freudianism and Surrealism as depicted in selected films of Buñuel, from his first *An Andalusian Dog* (1928) to his last *That Obscure Object of Desire* (1977). *Prerequisite*: open to seniors or with permission of Department. Satisfies the multicultural requirement. Not offered in 1993-94.

Ms. Gascón-Vera

316 (2) Seminar. Voices of Dissent: the Struggle for Democracy through Literature

Examination of dissent and opposition against moral and religious oppression and political tyranny during the last two centuries in Spain and the significant role of literature in the struggle for a freer society. Analysis of the emergence of mass media as a vehicle for expression, as well as its impact in the transmission of texts from a perspective of cultural studies. Readings from literary works such as Larra's 'artículos', Pérez de Ayala's *AMDG*, Gómez de la Serna's *Greguerías*, Max Aub's *El laberinto mágico*, Luis Martín Santos' *Tiempo de silencio* and Juan Marsé's *Si te dicen que caí*. *Prerequisite*: open to seniors or with permission of Department. Not offered in 1993-94.

Mr. Bou

317 (1) Seminar. The New World in Its Literature: Conquest and Counter-Conquest

Exploration of five major figures of Spanish America: Columbus, Las Casas, Sahagún, El Inca Garcilaso de la Vega, and Sor Juana Inés de la Cruz. Readings from some of their most significant texts and related modern texts. Topics include the emergence of Latin America, politics

and "barbarism," the first fight for human rights, Aztec and Inca thought, and the defense of women's right to knowledge. *Prerequisite*: open to seniors or with permission of Department. Satisfies the multicultural requirement. Not offered in 1993-94.

Staff

318 (2) Seminar. Love and Desire in Spain's Early Literature

Medieval Spain, at a nexus between the Christian, Jewish and Islamic cultures, witnessed a flowering of literature dealing with the nature and depiction of love. This course will examine works from all three traditions, stressing the uses of symbolic language and metaphor in the linguistic representation of physical desire. Texts will include Ibn Hazm, *The Dove's Neck-Ring*; the poetry of Yehuda Ha-Levi and Ben Sahl of Seville; the Mozarabic "kharjas"; the Galician "cantigas d'amigo"; the Catalan lyrics of Ausias March; Diego de San Pedro, *Carcel de Amor*; and Fernando de Rojas, *La Celestina*. *Prerequisite*: open to seniors or with permission of Department. Not offered in 1993-94.

Mr. Vega

320 (2) Seminar. Journalism in Spain

An analysis of the characteristics of journalism in Spain after Franco. We will read selections from the Madrid dailies, *El País*, *ABC*, *Pueblo*, and from weekly magazines such as *Interview* and *Cambio 16*. Among the journalists to be studied are Francisco Umbral, Rosa Montero, Juan Cueto, and Maruja Torres. *Prerequisite*: open to seniors or with permission of Department. Not offered in 1993-94.

321 (1) Seminar. Latin American Women Writers

The course will deal with the awakening of feminine and feminist consciousness in the prose of Latin American women writers from the 1920s to the present: María Luisa Bombal, Silvina Bullrich, Teresa de la Parra, Rosario Ferré, Lydia Cabrera. Close attention will be paid to dominant themes of love and dependency; imagination as evasion; alienation and rebellion; sexuality and power; search for identity. *Prerequisite*: open to seniors or with permission of Department. Satisfies the multicultural requirement. Not offered in 1993-94.

Ms. Agosin.

322 (2) Seminar. Avantgarde Poetry of Spain

A study of the major poets of the generation of 1927. In-depth study of poets García Lorca, Guillén, Salinas, Aleixandre, and Alberti. *Prerequisite: open to seniors or with permission of Department. Not offered in 1993-94.*

Mr. Bou

324 (2) Seminar. Avant-Garde and Modernity in Spain

Using a wide variety of literary texts, paintings, and cinema, this course will explore various forms of Modernity in Spain. Emphasis will be placed on the connections between the Spanish and mainstream European Avant-Garde: main figures will include Federico García Lorca, Ramón de la Serna, Vicente Huidobro, Rafael Alberti, Luis Buñuel, Guillermo de Torre, Salvador Dalí and Pablo Picasso. *Prerequisite: open to seniors or with permission of Department. Not offered in 1993-94.*

Mr. Bou

326 (1) Seminar. Contemporary Spanish Novel: Present and Future

This course will explore the main trends of the contemporary Spanish novel and its place in the European literary tradition. Special attention will be devoted to the resurgence of Spanish literature after Franco's death. Juan García Ortelano, Juan Benet, Eduardo Mendoza, Soledad Puértolas, Adelaida García Morales are among the novelists to be studied. *Prerequisite: open to seniors or with permission of Department.*

Staff

350 (1) (2) Research or Individual Study 1 or 2

Open by permission of the instructor to seniors who have taken two Grade III units in the department.

360 (1) (2) Senior Thesis Research 1 or 2

By permission of department. See p. 65, Departmental Honors.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

For Credit

Extrdepartmental 222 (2)

The Encounter of Cultures in the Americas

Technology Studies Program

The Technology Studies Program offers students whose primary interests lie in the humanities and social sciences opportunities to develop the skills necessary to understand and evaluate technological innovations. The program consists of Technology Studies and cross-listed courses with such diverse topics as design and distribution of technological artifacts, photographic processes and electronic imaging, artificial intelligence, computer modeling of music, demography and social planning, biotechnology, light and lasers, medical ethics, the history of technology, women and technology, technology in the third world, energy policy and nuclear power. For 1993-94, students can elect individual cross-listed courses, in consultation with an instructor in Technology Studies, in addition to their major in a department or interdepartmental program.

100 (2) Medical Technology and Critical Decisions

Examination of new options in medical diagnosis, treatment and prevention, and of systematic methods for making decisions that can lead to informed choices by patients, doctors, and society. Study of amniocentesis and other medical decision problems, and their economic and ethical aspects. Hands-on experience with scientific and engineering devices and computer modelling of decision-making processes. Development of the necessary scientific background and mathematical skills. This course carries one unit of nonlaboratory Group C distribution credit. *Not offered in 1993-94.*

Mr. Ducas, Mr. Shuchat

140 (2) Television Technology and Projects Workshop

The general availability of sophisticated video equipment is expanding the uses of television beyond the broadcast arena. Scientific research, legal cases, sports medicine and advances in teaching and training are only a few of the current applications. Video technology is also merging with computers in such applications as computer-controlled videodisc players, CD-ROM's and image digitization. This course will provide students the opportunity to learn about video technology and acquire sufficient competence to develop projects related to their particular interests. The scientific and engineering aspects of video technology will be studied first as a background for hands-on experience

with video production and post-production work. Students will design, produce and present their own projects during the term. *File application in the Physics department. Written permission is required of all students. Not offered in 1993-94.*

Mr. Ducas

201 (1) Television Technology and Social Impact

The course considers how economic, political and technological factors influence television programming and how television content affects the mass audience. We will observe television content through systematic observation and will learn how the television image is produced and manipulated. Students will gain experience producing or editing video material. A major project of the course is the design, conduct and analysis of an experiment in television effects. Previous coursework in social science research methods, statistics, or computer science is highly recommended. *Prerequisite: Technology Studies 100 or two units in sociology, psychology, political science, economics, computer science, physics, or biological sciences. Not offered in 1993-94.*

Mrs. Just

208 (2) Technological Applications of Light

The nature of light, the interaction of light with matter and the fundamentals of lasers. Applications of light in such fields as medicine, food processing, communications, defense, isotope separation, information science and solar energy storage and conversion. Emphasis will be placed on how the fundamental properties of light and light-matter interactions may be exploited for new technologies. This course fulfills Group C distribution, but does not meet laboratory science requirement. *Not offered in 1993-94. Offered in 1994-95.*

Mr. Coleman

209 (2) Women and Technology

An examination of the impact of the new technologies of the nineteenth and twentieth centuries on women, with a particular focus on household technology and office automation. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Ms. Chaplin

Cross-Listed Courses

Anthropology 275 (1)

Technology and Society in the Third World

Art 214 (2)

Photographic Processes. Formerly Technology Studies

Art 225 (2)

Image Context: New Media Theory and Practice. Formerly Technology Studies 218.

Biological Sciences 107 (1)

Biotechnology

Economics 228 (2)

Environmental and Resource Economics

Mathematics 250 (2)

Topics in Applied Mathematics

Philosophy 249 (1)

Medical Ethics

Physics 222 (1)

Medical Physics

Political Science 327 (2)

International Organization

Sociology 225

Science, Technology and Society. *Not offered in 1993-94.*

Theatre Studies

Professor: *Barstow (Director)*

Lecturer: *Bosch*

Director of Theatre: *Hussey*

Production Manager: *Handelman*

103 (1) Plays, Production, and Performance

Principles and practice of the related arts which make up the production of a play in the theatre. Analysis of the dramatic script in terms of the actor, the director, the scenic, costume and lighting designers, and the technicians. Practical applications of acquired skills integrate the content of the course. Each student participates in the creation of a fully realized "mini production" which is presented for an audience. *Open to all students. Not open to students who have taken [203].*

Ms. Hussey

204 (2) Techniques of Acting

An introduction to the vocal, interpretative and physical aspects of performance. Improvisation, movement and character development for the novice actor. Emphasis is placed on applying textual understanding to the craft of acting.

Ms. Bosch

205 (1) Acting and Scene Study

Study of the performed scene as the basic building-block of playwright, director, and actor. Scenes from plays ranging from Greek tragedies to modern dramas will be rehearsed and performed in the appropriate period style for the class criticism. *Prerequisite: 203 or by permission of the instructor. Not offered in 1993-94. Offered in 1994-95.*

Mr. Barstow

206 (1) Design for the Theatre

Study of the designer's function in the production process through development of scale models of theatrical environments for specific plays. The lighting of performance as a major component of theatrical production will be included. *Prerequisite: same as for 205. Not offered in 1993-94. Offered in 1994-95.*

Mr. Handelman

207 (2) Stagecraft for Performance

Study of the craft and theory of the production arts in the theatre. The course will cover the

process of creating working drawings, problem solving, use of theatrical equipment and alternative media for the realization of sound, set, and lighting designs. There will be additional time outside of class scheduled for production apprenticeships. *Prerequisite: same as for 205.*

Mr. Handelman

212 (2) Representations of Women on the Stage

Study of specific examples of the representation of women on the dramatic stage focusing on what a public and popular art says and implies about women: their "nature," their roles, their place in society, their options for individuality and for activity affecting others, etc. Consideration of male dominance in both playwrighting and performance in historic cultures. *Open to all students.*

Mr. Barstow

220 (2) Classic Plays in Performance

An historical survey of dramatic texts as realized in performance. Videotapes of performances approximating the original production style are the primary objects of study. Analytical and critical writing skills are emphasized in written critiques. *Open to all students. Not offered in 1993-94. Offered in 1994-95.*

Mr. Barstow

250 (1)(2) Research, Independent Study, or Production Apprenticeship

Open by permission to qualified students.

315 (1) Acting Shakespeare

Study and practice of skills and techniques for the gestural performance of the complex and sonorous poetic speech of characters from Shakespeare's texts, "scenes invented merely to be spoken." Speeches and scenes performed for class criticism. *Prerequisite: 203, 204, and 205 or permission of the instructor after audition.*

Mr. Barstow

350 (1)(2) Research or Individual Study 1 or 2

Open by permission to qualified students.

Theatre Studies

AN INDIVIDUAL MAJOR

Director: *Barstow*

A major in Theatre Studies may be designed according to the provision of the Individual Major option. See p. 55.

Early consultation with the director is essential because some relevant courses are not offered every year and careful planning is necessary.

Students electing to design an individual major in Theatre Studies will usually take at least one resident semester of concentrated work in the discipline either with the National Theatre Institute at the Eugene O'Neill Theatre Center in Waterford, Connecticut, or at another institution in the Twelve College Exchange Program, to supplement and enrich their work at Wellesley. Extensive courses in the Theatre Arts program are offered at MIT.

Since developments in the theatre arts are the results of stage experiments, and because the theatre performance is an expression of theatre scholarship, it is expected that students planning an individual major in Theatre Studies will elect to complement formal study of theatre with practical experience in the extracurricular production program of the Wellesley College Theatre and related on-campus producing organizations.

In addition to the offerings of the Theatre Studies Program, the following courses count towards an individual major in Theatre Studies:

Africana Studies 207 (2) (B²)
Images of African People through the Cinema.
Not offered in 1993-94.

Africana Studies 222 (2) (B¹)
Images of Blacks and Women in American Cinema

Africana Studies 266 (2) (A)
Black Drama. *Not offered in 1993-94.*

Africana Studies 298 (2)
African Drama. *Not offered in 1993-94.*

Chinese 241 (2)
Chinese Poetry and Drama in Translation

Classical Civilization 310 (2) (A)
Greek Drama in Translation

English 112 (1)
Introduction to Shakespeare

English 223 (1)
Shakespeare Part I: The Elizabethan Period

English 224 (2)
Shakespeare Part II: The Jacobean Period

English 324
Advanced Studies in Shakespeare

Extrdepartmental 231 (1) (A)
Interpretation and Judgement of Films

French 213 (2)
From Myth to the Absurd: French Drama in the Twentieth Century

French 240 (1)
French Cinema. *Not offered in 1993-94.*

French 303 (2)
Advanced Studies in the Seventeenth and Eighteenth Centuries: Corneille, Molière, Racine

French 314 (1)
Cinema: François Truffaut

French 321 (1)
Seminar. Women Playwrights at the Comédie Française

Italian 261 (2)
Italian Cinema (in English)

Japanese 251 (2)
Japan Through Literature and Film

Latin 251 (1)
Roman Drama

Philosophy 203 (1)
Philosophy of Art

Russian 225 (1)
Soviet Film 1917-1980 (in English)

Spanish 261 (2)
Contemporary Spanish American Theatre. *Not offered in 1993-94.*

Spanish 300 (1)
Honor, Monarchy and Religion in the Golden Age Drama

Technology Studies 140 (2)
Television Technology and Projects Workshop.
Not offered in 1993-94.

Technology Studies 201 (1)
Television Technology and Social Impact. *Not offered in 1993-94.*

Writing 125J (1)
America at the Movies

Writing 125G (2)
Strong Women in Film

Writing 125J (2)
Writing About Films

Other courses also may on occasion be counted towards the Theatre Studies individual major.

Women's Studies

Associate Professor: *Kaptiejs (Chair), Reverby*

Assistant Professor: *Schirmer*

Instructor: *Creef*

A major in Women's Studies offers an opportunity for the interdisciplinary study of women's experience as it is reflected in the humanities, the sciences, and the social sciences. Women's Studies majors seek an understanding of the new intellectual frameworks that are reshaping thought about women and men. They also pursue knowledge of the gendered experience in diverse cultures and across time.

A major in Women's Studies has a number of core requirements. Students must take Women's Studies 120 (Introduction to Women's Studies), and Women's Studies 222 (Women in Contemporary Society). They must also elect a multi-cultural course that focuses on women. (A list of courses that fulfill this requirement may be obtained from the Women's Studies Department.) In addition, students will choose one course above the Grade I level in the humanities (A group). And finally, majors elect a "concentration" of four courses above Grade I in a single area, including at least two units at Grade III that are approved by the Chair. Concentrations may be in one department or may be constructed across departments. In either case, the major must demonstrate intellectual coherence. It is strongly recommended that majors elect basic method and theory courses in their field of concentration and at least one additional appropriate multi-cultural course.

Majors design their own programs in consultation with the Chair of the Women's Studies Department.

The following courses are listed as Women's Studies courses and may be used to satisfy either the Group B¹ or Group B² distribution requirement. Other courses are available each semester through cross registration with MIT.

120 (1) (2) Introduction to Women's Studies

Introduction to the interdisciplinary field of Women's Studies with an emphasis on an understanding of the "common differences" that both unite and divide women. Beginning with an examination of how womanhood has been represented in myths, ads and popular culture, the course explores how gender inequalities have been both explained and critiqued. The cultural meaning given to gender as it intersects with race,

class, ethnicity and sexuality will be studied. Exposure to some of the critiques made by Women's Studies' scholars of the traditional academic disciplines and the new intellectual terrain now being mapped. Consideration of one of the central dilemmas of contemporary feminist thinking: the necessity to make gender both matter and not matter at the same time.

Ms. Reverby, Ms. Schirmer, Ms. Creef

210 Feminism and the Environment

This course draws on multi-disciplinary materials that assess the relationship between gender and environmental concerns. We will explore two central questions: 1) to what extent does feminist theory help us understand complex environmental relations and environmental problems in the modern world and 2) to what extent does gender mediate or influence relationships to the (natural) environment. Issues to be addressed include: how is nature defined and by whom?, do scientific paradigms of nature and the environment reflect Western and masculinist biases and does this matter? How does gender affect the environmental movements? How can feminist theory help us to understand specific case studies of environmental "hot spots" like Bhopal, the South Pacific and Vietnam? *Open to all students. Not offered in 1993-94.*

220 (1) Women, Peace and Protest: Cross-Cultural Visions of Women's Actions

Examination of women's participation in the movements of nuclear disarmament, human rights and social and economic justice. Examination of the nature and history of these movements as well as their organization and ideological structure. Focus on understanding if, why, and under what circumstances gender becomes a central force in the development of these movements. Questions addressed will include 1) why and in what ways have women been central to the European peace movement, 2) how has the involvement of women helped to define the human rights movement in Latin America, 3) whether women's involvement in protest for social and economic justice has changed traditional political institutions, such as unions and political parties, and 4) the extent to which feminist theory and theories of the state have accounted for the nature of women's protest. *Prerequisite: permission of the instructor. Satisfies the multicultural requirement.*

Ms. Schirmer

222 (2) Women in Contemporary Society: Different Ways of Knowing

An introductory examination of how changes in social structure, ideology, culture and politics have affected women in the Third World and in the U.S. since World War II. "Separated" and "connected" ways of knowing, as well as feminism as a positive form of critical thinking, are discussed. Issues, such as cross-cultural meanings of motherhood, economic and reproductive oppression, and the possibility for many feminisms are examined. Then the focus shifts to women's lives in the U.S., the "happy days" of the 1950s, the impact of the Women's Movement of the 1960s, 70s and 80s, with an emphasis upon work, welfare, and feminist ways of knowing. *Satisfies the multicultural requirement.*

Ms. Creef

224 (2) Women's Lives through Oral History

If a woman speaks of her experiences, do we get closer to the "truth" of that experience? How can oral history provide a window into the lives of women in the past and what does it close off? Analysis of methodological and theoretical implications of studying women's lives through oral histories as a way to end the silences in other historical forms. Special attention to be paid to other genres—history, fiction, ethnographies—as a foil to explore the strengths, and limitations, of the oral history approach. *Prerequisite: 120 or 222 recommended, written permission of the instructor required.*

Ms. Reverby

230 The Body Politic

Exploration of some of the ways in which politics, human agency and identity are represented in relation to the body. If representation, especially representations of the body, can be considered "political," what are its politics, where are they located and to what uses may they be turned? Consideration of how 'the body' is represented as possessing gender, race, class and sexuality. Emphasis on multiple readings of theories of representation that take the body as an historical category using approaches drawn from feminist theory, lesbian and gay studies, and cultural studies. *Prerequisite: written permission of the instructor. Not offered in 1993-94.*

250 (2) Asian Women in America

Examination and exploration of the diverse histories of Asian/Pacific American women with particular focus on the rich and emergent field of

cultural production: i.e., literature, art, film, and theater. Readings will also interrogate experiences of immigration, relocation, the history of Asian stereotypes and representation, and address the issue of coalition between Asian women on the U.S. mainland, the Pacific, and in other international contexts. *Open to all students. Satisfies the multicultural requirement.*

Ms. Creef

301 (1) Seminar.

The Politics of Caring This seminar examines how and why caring is assumed to be a significant part of female character and women's work. Critical examination of explanations of women's roles as caregivers and nurturers, including bio-social, psychoanalytic, and socialization theories and research. Critique of the philosophical debates about caring. Historical study of the work of caring: the relationship between women's unpaid labor in the home and the work of caring in paid occupations and professions, such as medicine, nursing, day care and social work. Study of how caring has become politicized and the basis for women's political action. *Prerequisite: Open to Juniors and Seniors with written permission from instructor. WOST 120, or 222, or 220 or Psychology 303 required.*

Ms. Reverby

305 (1) Seminar. Topics in Gender, Ethnicity and Race

Topic for 1993-94: Self-Representations in U.S. Third World Feminisms. This seminar surveys the terrain of U.S. third world feminism through its examination of contemporary creative and political works by Asian American, Native American, Chicana/Latina, and African American women writers which address and problematize the representation of race, class, gender, sexuality, and identity from multicultural traditions and perspectives. This course both recognizes and reclaims as "theoretical" works of fiction, poetry, essays, criticism, and film by women of color. Central focus will be placed on how various women of color currently negotiate writing, speaking and theorizing from multiple locations, (in the first world, third world and even fourth world) and simultaneously position themselves as culturally hybrid, nationalists, or mixed blood subjects. Readings will include works by Audre Lorde, Trinh T. Minh-ha, Paula Gunn Allen, Gloria Anzaldúa, Cherrie Moraga, Nellie Wong, Chandra Mohanty, Aurora and Rosario Morales. *Prerequisite: 120, 222, or 224; or Africana Studies 212, 222, 230, or 305; or*

English 114, 364, or 383; and permission of the instructor. Satisfies the multicultural requirement.
Ms. Creef

310 (2) Seminar. Women, Social Policy and the State

Theoretical overview of theories of the welfare state and of perspectives on women and social policy. Examination of the nature of social policy and its historical and socio-political basis in Sweden, Denmark, Norway, Finland, England and West Germany which have come to be known for their comprehensive social policy measures and for their relative gender equality. Study of the extent to which women's movements in each of these countries have influenced the social and political agenda. Student research projects on social policy and women's movements in a country other than one in Scandinavia. *Prerequisite: permission of instructor.*

Ms. Schirmer

316 Seminar. History and Politics of Sexuality in the United States

In recent years there has been an increasing debate over whether human sexuality is an autonomous force or a phenomenon determined by history, politics, and culture. Many historians suggest the "discourse" on female sexuality, in particular, has been conditioned by cultural norms about femininity and women's place in society, the shifting boundaries between "normality" and "deviance," the feminist political stance on sexual autonomy, the medicalization of sexuality, and intervention of the state. This seminar will explore these issues by examining the history of sexuality in the American context. *Open to Juniors and Seniors by permission of the instructor. 120, 222, or 320 and History 257 or Africana Studies 230 is recommended. Not offered 1993-94.*

320 (2) American Health Care History in Gender, Race and Class Perspective

Traditional American medical history has emphasized the march of science and the ideas of the "great doctors" in the progressive improvement in American medical care. In this course we will look beyond just medical care to the social and economic factors that have shaped the development of the priorities, institutions, and personnel in the health care system in the United States. We will ask how have gender, race and class affected the kind of care developed, its differential delivery, and the problems and issues addressed. *Open to Juniors and Seniors by writ-*

ten permission of the instructor. Satisfies the multicultural requirement.

Ms. Reverby

330 (1) Seminar. Twentieth-Century Feminist Movements in the First and Third World

Examination of the different political theories that explain the emergence of feminist political movements in the 20th century. Cross-cultural exploration of particular histories of different feminist movements. Emphasis will be placed on the theories of feminism in different movements and the actual political practice of these movements. Students will be expected to lead class presentations and to complete a major research paper. *Open by written permission of the instructor. Satisfies the multicultural requirement.*

Ms. Schirmer

360 (1) (2) Senior Thesis Research

By permission of the department. See p. 65, Departmental Honors. Students in 360 and 370 will be expected to participate regularly in the departmental honors seminar. The seminar provides a forum for students conducting independent research to present their work to sister students and faculty.

370 (1) (2) Senior Thesis

Prerequisite: 360.

Cross-Listed Courses

For Credit

Africana Studies 208 (2) (B)

Women in the Civil Rights Movement

Africana Studies 212 (2) (A)

Black Women Writers

Africana Studies 217 (1)

The Black Family

Africana Studies 218 (2) (B²)

Domestic Service in Cross-Cultural Perspective. *Not offered in 1993-94.*

Africana Studies 222 (2) (B¹)

Images of Blacks and Women in American Cinema

Africana Studies 225 (1) (B²)

Introduction to Black Psychology

Africana Studies 230 (2) (B²)

The Black Woman in America

Africana Studies 305 (1) (B²)

African American Feminism

Africana Studies 318 (2)

Seminar. Women and the African Quest for Modernization and Liberation. *Not offered in 1993-94.*

Africana Studies 335 (2)

Women Writers of the English-Speaking Caribbean

Africana Studies 344

Seminar. Interdisciplinary Perspectives in Black Family Studies. *Not offered in 1993-94.*

Africana Studies 345

Seminar. Women and International Development. *Not offered in 1993-94.*

Anthropology 236 (2)

Witchcraft, Magic and Ritual: Theory and Practice

Anthropology 269 (1)

The Anthropology of Gender Roles, Marriage and the Family

Art 233 (1)

Domestic Architecture and Daily Life. *Not offered in 1993-94.*

Art 309 (1)

Seminar in Architectural History

Art 364 (1)

Women Filmmakers: Resisting/Deflecting/Subverting the Gaze

Chinese 330 (1)

Images of Women in Chinese Literature. *Not offered in 1993-94.*

Classical Civilization 104 (1)(A)

Classical Mythology

Classical Civilization 115 (2)(A)

Women's Life in Greece and Rome

Economics 229 (1)

Women in the Labor Market

Economics 243 (1)

Race and Gender in U.S. Economic History

Education 306 (B¹,2)

Seminar. Women, Education and Work. *Not offered in 1993-94.*

Education 312 (1) (B¹)

Seminar. History of Child Rearing and the Family

English 114 (1)

Race, Class and Gender in Literature

English 320

Literary Cross-Currents. b(2) Topic for 1993-94: Readings in Renaissance Witchcraft and the Rhetoric of Magic

English 383 (1)

Women in Literature, Culture, and Society

Extrdepartmental 223 (2)

Gender in Science

Extrdepartmental 232 (2)

New Literatures: Lesbian and Gay Writing in America

French 208 (2)

Women and the Literary Tradition

French 304

The French Novel in the Eighteenth Century. *Not offered in 1993-94.*

French 318 (1)

Modern Fiction. *Not offered in 1993-94.*

French 319 (1)

Women, Language, and Literary Expression

French 321 (1) (2)

Seminar. Topic for Semester I: Women Playwrights at the Comédie Française. Semester II: Colette and Duras.

History 257 (1)

Women in American History

History 342 (1)

Seminar. Women, Work and the Family in African History

History 364

Seminar. Women in Islamic Society: Historical Perspectives. *Not offered in 1993-94.*

Italian 271 (1)

Introduction to Italian Studies

Language Studies 238 (2)

Sociolinguistics

Philosophy 227 (2)

Philosophy and Feminism

Political Science 307 (2)

Seminar. Gender, Culture and Political Change

Political Science 320 (2)

Seminar. Inequality and the Law. *Not offered in 1993-94.*

Political Science 336 (1)

Seminar. Women, the Family and the State

Political Science 344 (2)

Feminist Political Theory

Psychology 303 (2)

Psychology of Gender

Psychology 317 (1)

Seminar. Psychological Development in Adults

Psychology 325 (2)

Seminar. History of Psychology

Psychology 340 (1)

Organizational Psychology

Religion 225 (1)

Women in Christianity

Religion 243

Women in the Biblical World. *Not offered in 1993-94.*

Religion 316 (2)

Seminar. The Virgin Mary

Sociology 111 (1)

Sociology of the Family: An Introduction to Sociology. *Not offered in 1993-94.*

Sociology 208 (1)

Social Construction of Gender

Sociology 209 (2)

Social Inequality: Class, Race, and Gender

Sociology 217 (1)

Power: Personal, Social, and Institutional Dimensions. *Not offered in 1993-94.*

Sociology 228 (2)

Work and Occupations

Sociology 311 (2)

Seminar. Family and Gender Studies. *Not offered in 1993-94.*

Spanish 253 (2)

The Spanish American Short Narrative. *Not offered in 1993-94.*

Spanish 260 (2)

Women Writers of Spain, 1970 to the Present

Spanish 321

Seminar. Latin American Women Writers. *Not offered in 1993-94.*

Technology Studies 209 (2)

Women and Technology. *Not offered in 1993-94.*

Theatre Studies 212

Representations of Women on the Stage. *Not offered in 1993-94.*

Writing Program

Entering students are required to complete one semester of expository writing in their first year at Wellesley. Writing courses numbered 125 are offered by faculty from many departments on a variety of topics. In all sections writing is taught as a means not only of expressing ideas but also of acquiring them. Students receive instruction and practice in analysis and argument, in revision, and in the use and acknowledgement of sources. There are no exemptions from this requirement.

Many departments cooperate with the Writing Program in offering "combined sections." These sections, designated with a slash in the course titles below, carry one unit of credit, but serve the dual purpose of giving students credit for both the Writing Requirement and a course toward their major (or in some cases, toward a distribution requirement), as indicated in the individual course descriptions below. All such courses meet for a third session each week.

Continuing Education students and other transfer students who have not fulfilled a similar requirement must also complete one semester of expository writing, either Writing 125 or English 200 (Intermediate Expository Writing). English 200 sections are described in the listing of the English Department.

In addition to the required first-year writing course, the Writing Program supports the growth of a student's writing over her four years at Wellesley through a variety of Writing-Intensive courses taught within the departments. In a WI course, the instructor uses writing as a means of instruction, and offers some instruction in the conventions of writing for that field. Students are asked to write regularly and frequently throughout the semester, and are encouraged to revise their work and confer with a writing specialist during the writing process. Such courses are designated *WI* in their course descriptions.

Below are descriptions of the Writing 125 sections offered in 1993-94. Students are invited to indicate a list of preferences, which will be honored as far as possible. All Writing 125 courses that are not specifically designated *mandatory credit/noncredit* may be taken for a letter grade.

SEMESTER I

125A/English 120 (1) Critical Interpretation

An examination of classic poetic texts in English from the Renaissance to the modern period—

Shakespeare, Donne, Wordsworth, Dickinson, Yeats, Bishop, and others. A course designed to increase power and skill in critical interpretation and critical writing. Open to all first-year students but primarily recommended for prospective English majors, this course satisfies both the Writing 125 and the English 120 requirements, and fulfills a Group A distribution requirement. Includes a third session each week.

Ms. Harman, Department of English

125B/English 120 (1) Critical Interpretation

An examination of classic poetic texts in English from the Renaissance to the modern period—Shakespeare, Donne, Wordsworth, Dickinson, Yeats, Bishop, and others. A course designed to increase power and skill in critical interpretation and critical writing. Open to all first-year students but primarily recommended for prospective English majors, this course satisfies both the Writing 125 and the English 120 requirements and fulfills a Group A distribution requirement. Includes a third session each week.

Ms. Hickey, Department of English

125C/Classical Civilization 120 (1) The Trojan War

Heroes and heroines at Troy; Greek victory and Trojan defeat; the homecoming of the heroes. Selected readings in translation from Homer's *Iliad* and *Odyssey*, Euripides' *Trojan Women*, and Vergil's *Aeneid*. Recent critical essays on the epics and Euripides' tragedy. Emphasis on development of writing skills. Open to all first-year students, this course both satisfies the Writing 125 requirement and counts as a unit for the Group A distribution requirement and the Classical Civilization major. Includes a third session each week.

Ms. Geffken, Departments of Greek and Latin

125D/Education 102 (1) Education in Philosophical Perspective

Reflective and analytical inquiry into ideas and problems of education. Topics include: learning and teaching, educational aims and values, curriculum and culture, schooling and society. Readings both classical (e.g., Plato, Dewey, DuBois) and contemporary. Open to all first year students, this course both satisfies the Writing 125 requirement and fulfills a requirement for the Education minor and a Group B distribution requirement. Includes a third session each week.

Mr. Hawes, Department of Education

125E/Art 100 (1) Introduction to the History of Art

A foundation course in the history of art. The course surveys the major styles in Western art and architecture from antiquity to the present, and introduces the arts of Asia, Africa, and the Islamic world. Weekly conference sections stress the direct observation of works of art and related studio problems. Students in this section of Art 100 will attend the same lectures and conferences as the other Art 100 students, but their assignments will be different and they will attend a fourth meeting each week. Through writing about art, students in 100/125 will develop skills in visual and critical analysis. Open to all first year students. This course may be elected in either semester 1 or 2. This course satisfies the Writing 125 requirement, fulfills a Group A distribution requirement, and counts as a unit towards a major in Art History, Architecture or Studio Art.

Ms. Bedell, Department of Art

125F/Political Science 101 (1) Politics in Theory and Practice

Study of political conflict and consensus through comparison of democratic and authoritarian systems. A course designed to teach critical writing on political topics, drawing on readings from Plato, Madison, Hitler, Marx, and Mao Zedong as well as contemporary analysts. Open to all first year students, this course both satisfies the Writing 125 requirement and counts as a unit of the Group B distribution requirement and a major in political science. Includes a third session each week.

Mr. Stettner, Department of Political Science

125G/Philosophy 101 (1) Plato and Aristotle

Study of selected dialogues of Plato and treatises of Aristotle. Plato topics to be discussed and written about include his account of the human "psyche," his theory of Forms, and his portrait of Socrates. Studies of Plato's student Aristotle will include learning to speak, write and analyze the philosophical vocabulary which Aristotle developed and which became standard for subsequent Western philosophy. Open to all first year students, this course satisfies the Writing 125 requirement and counts as a unit for the group B1 distribution requirement and for the major or minor in Philosophy. Includes a third session each week.

Ms. Congleton, Department of Philosophy

125H/Philosophy 106 (1) Introduction to Moral Philosophy

An examination of classic texts and issues in moral philosophy from Plato to contemporary sources. The course is designed to teach critical writing on philosophical topics, including the nature of morality, conceptions of justice, views of human nature and their bearing on questions of value, and competing tests of right and wrong. Open to all first year students, this course satisfies the Writing 125 requirement and counts as a unit for the group B1 distribution requirement and for the major or minor in Philosophy. Includes a third session each week. *Mandatory credit/noncredit.*

Mrs. Putnam, Department of Philosophy

125J (1) America at the Movies

Designed for students for whom English is a second language, this course examines American archetypes in representative films from the 40s through the present. Possible objects of study: the cowboy hero; the femme fatale; troubled youth; the tough guy (or dame); the Horatio Alger success story; the society belle. Readings will be drawn from film history and criticism. Focus on developing students' analytical skills, as well as familiarity with conventions of writing academic papers in English. *Mandatory credit/noncredit.*

Ms. Wood, The Writing Program

125K (1) Jerusalem, the Holy City

An exploration of the history, archaeology, and architecture of Jerusalem from the Bronze Age to the present. Special attention to the ways in which which Jerusalem's Jewish, Christian, and Muslim communities transformed Jerusalem in response to their religious and political values. *Mandatory credit/noncredit.*

Ms. Nathanson, Department of Religion

125L (1) Children's Literature

A study of some classic works of children's literature in their historical and social context. We will consider such issues as: children's literature and gender roles, the treatment of the Holocaust in children's literature, the changing representation of the relationship between children and the natural world, the representation of adulthood in children's literature, the interrelation of picture and text, and the significance of recurring plot elements and plot structures. Readings will include literary critical studies of children's literature as well as children's novels and picture books. *Mandatory credit/noncredit.*

Ms. Meyer, Department of English

125M (1) The Evolving Meaning of God

An examination through our reading and writing of the thinking of several theologians from the Judeo-Christian tradition who have pondered the meaning of God for human life in the late twentieth century. Readings from Michael Goulder and John Hick, *Why Believe in God?*; Richard Rubenstein, *After Auschwitz*; Harold Kushner, *When Bad Things Happen to Good People*; Mary Daly, *Beyond God the Father*; and Sallie McFague, *Models of God*. Students who are from religious backgrounds outside of the Judeo-Christian tradition are especially welcome to take the class and augment the readings of the course with readings from their own religious traditions.

Ms. Ward, Class Dean

125N (1) World of Journalism

Experimenting with journalistic writing styles encourages students to become flexible and imaginative writers and editors. Ranging from hard news to literary journalism, the assignments involve the investigation of public issues, student concerns at Wellesley, and individual lives. The course offers opportunities to practice accurate observation, keen analysis, editorial judgment, and clear, concise writing styles. Students, as journalists, will examine reporting issues in media stories and in their own writing. Students meet with practicing journalists. *Mandatory credit/noncredit.*

Ms. Smith, Public Affairs

125O (1) Law in Contemporary Society

We will read cases and articles about the ways in which courts have changed existing laws, and in so doing, have transformed American society. Readings will be selected from such cases as *Brown v. Board of Education* (school desegregation), *Roe v. Wade* (abortion), *In Re Brophy* (withholding of nourishment from terminally ill patients), and from recent cases on the rights of high school students, surrogate parenting, and criminal procedure. Students will write frequently during class time, in addition to writing formal essays and keeping journals on a variety of current legal issues.

Ms. Viti, The Writing Program

125P (1) Writing About Science

The purpose of this course will be to define, illustrate, and practice the several forms of science writing. Contemporary science writing encompasses not only the technical reports con-

stituting “the scientific literature” but also includes publications for the general public such as *Scientific American*, news stories in the popular press, and science fiction. Readings will be drawn from the works of Lewis Thomas, Stephen J. Gould, Arthur C. Clarke, Freeman Dyson, Lynn Margulis, Rachel Carson, John McPhee, Isaac Asimov, James Watson, and others. *Mandatory credit/noncredit.*

Ms. Merritt, Department of Chemistry

125Q,R (1) The Role of Stories

This course looks at the rich and various roles stories can play. We begin by reading very different types of stories and we consider how these stories convey complex ideas in an effective and compelling manner (think of all the times you understood some principle or subtle truth because it was communicated to you in the form of a story). We also look at the short story as a literary form, examining the techniques by which writers reveal their visions. This section is appropriate for students who have not done much writing in high school or who perhaps lack confidence in writing (but who love to read stories). Our emphasis is on the process of writing, on discovering, developing, and refining ideas; individual attention, as needed, will be paid to the mechanics of writing and usage. *Mandatory credit/noncredit*

Mr. Schwartz, The Writing Program

125S,T (1) Women and Memoir: A Revision of Life

When does a writer choose to write about herself? This course will try to answer that question by exploring how writers select and fashion events from their own lives to provide context for their ideas. For women writers especially, this “revision” of personal experience has proved a powerful forum for addressing artistic, social, and political issues. Readings will include essays and selections from autobiographies by Virginia Woolf, Mary McCarthy, Alice Walker, Eudora Welty, and Joan Didion. Students will have the opportunity to use their own journal entries as raw material for critical essays. *Mandatory credit/noncredit.*

Ms. Johnson, The Writing Program

125U (1) Artists on Art

Four texts written by a craftsman, a scholar, a theoretician and a courtier provide first hand accounts of the changing role of the Italian artist and his art in the Renaissance. We will trace the artist’s progress from artisan to man of letters

and the development of his work from craft to intellectual creation by reading selections from Cennini’s *The Craftsman’s Handbook*, Alberti’s *Treatise on Painting*, Leonardo’s *Notebooks*, and Cellini’s *Autobiography*. Class work and writing assignments will focus on issues such as the making of paintings, the function of images, the education of the artist, and the perils of commercial and courtly life. Whenever possible these topics will be discussed in relation to paintings and sculptures of the period in slide presentation and by trips to the Museum of Fine Arts.

Ms. Allen, Department of Art

SEMESTER II

125A/English 120 (2) Critical Interpretation

An examination of classic poetic texts in English from the Renaissance to the modern period—Shakespeare, Donne, Wordsworth, Dickinson, Yeats, Bishop, and others. A course designed to increase power and skill in critical interpretation and critical writing. Open to all first-year students but primarily recommended for prospective English majors, this course satisfies both the Writing 125 and the English 120 requirements, and fulfills a Group A distribution requirement. Includes a third session each week.

Mr. Shetley, Department of English

Writing 125B/English 120 (2) Critical Interpretation

An examination of classic poetic texts in English from the Renaissance to the modern period—Shakespeare, Donne, Wordsworth, Dickinson, Yeats, Bishop, and others. A course designed to increase power and skill in critical interpretation and critical writing. Open to all first-year students but primarily recommended for prospective English majors, this course satisfies both the Writing 125 and the English 120 requirements, and fulfills a Group A distribution requirement. Includes a third session each week.

Ms. Webb, Department of English

125C/Art 100 (2) Introduction to the History of Art

A foundation course in the history of art. The course surveys the major styles in Western art and architecture from antiquity to the present, and introduces the arts of Asia, Africa, and the Islamic world. Weekly conference sections stress the direct observation of works of art and related studio problems. Students in this section of Art 100 will attend the same lectures and conferences as the other Art 100 students, but their assign-

ments will be different and they will attend a fourth meeting each week. Through writing about art, students in 100/125 will develop skills in visual and critical analysis.

Open to all first year students. This course may be elected in either semester 1 or 2. This course satisfies the Writing 125 requirement, fulfills a Group A distribution requirement, and counts as a unit towards a major in Art History, Architecture or Studio Art.

Mr. Rhodes, Department of Art

125D/German 120 (2) Views of Berlin

From the brilliant cultural metropolis of the 1920s to the current “post-wall” period, the city of Berlin will provide the vantage point to survey seven decades of German history and culture. We will study films, literary texts, political language and art in order to gain a better understanding of the “German Question” and the special status of Berlin within it. Written work will include a research assignment tailored to individual interests. Open to all first-year students, this course satisfies the Writing 125 requirement and counts as a unit for the Group A distribution requirement and the German Studies major. Includes a third session each week.

Ms. Ward, Department of German

125E,F (2) The Elements of Fiction

In this course, we read and write about fiction (primarily short stories) from the perspective of the writer’s craft. We examine the ways in which writers use the elements of fiction to convey their visions and create various effects in their stories. In order to better appreciate a writer’s artistic and technical choices, we will try our hand at some exercises involving point-of-view, character, setting and plot. Note: This is not a fiction writing course; the exercises are assigned in conjunction with longer analytical papers about fiction. *Mandatory credit/noncredit.*

Mr. Schwartz, The Writing Program

125G (2) Strong Women in Film

Beginning with Katherine Hepburn’s astonishing portrayal of a test pilot in Dorothy Arzner’s 1933 *Christopher Strong*, we will examine the evolution of Hollywood’s portrayal of women, contrasting the surprisingly strong (but rare) images of women with the far more familiar portrayals of women as objects of male desire and imagination. Writing assignments will ask students to draw from readings in film history and criticism

to develop their own interpretations of the women they view. *Mandatory credit/noncredit.*

Ms. Wood, The Writing Program

125H (2) Great Essays

Through discussion of a wide variety of classic and modern essays, this course will suggest the many effects an essay can produce, and the many stylistic possibilities open to students when they write. We’ll look at authors with distinctive contemporary voices, like Pauline Kael and Joan Didion, great masters of the essay like Montaigne and Bacon, and authors who work in a variety of essay types, for example, Virginia Woolf, Alice Walker, and Herman Melville.

Mr. Reinert, Department of English

125J (2) Writing About Films

This course will attempt to familiarize students with the distinctive rhetoric of the cinema by focusing on a few films by British directors since 1960—films often thought to “arty” or “intellectual” by Hollywood standards. Writing assignments will include a review, an analysis of cinematic imagery, a comparison of two directors’ styles, and perhaps a portion of a screenplay. Directors studied will probably include Joseph Losey, Richard Lester, Nicholas Roeg, Lindsay Anderson, Ken Russell, Stanley Kubrick, Peter Greenaway, and Stephen Frears. *Mandatory credit/noncredit.*

Mr. Cooper, Department of English

125K (2) Democracy in America

A close reading of large passages from Alexis Tocqueville’s *Democracy in America*, still the greatest commentary on what American democracy means; discussion also of other contemporary observers of the American scene Tocqueville was writing about, including Charles Dickens, Harriet Martineau, Edgar Allan Poe, Henry David Thoreau, and Frances Trollope.

Mr. Rosenwald, Department of English

125L (2) Women and Law

We will read cases and articles about the way courts have changed existing laws affecting American women and their roles in the workplace, the academy, and the home. Readings will be selected from such cases as *Roe v. Wade* and *Webster v. Reproductive Health Services* (abortion), *In Re Baby M* (surrogacy), and *Marvin v. Marvin* (divorce and “rehabilitative alimony”), and from recent cases on gender discrimination, affirmative action, and parental rights. Students

will write regularly during class time, in addition to writing formal essays and keeping journals on a variety of legal issues.

Ms. Viti, *The Writing Program*

125M (2) Imaging American Women

Do men and women view themselves and the world differently? Is there a distinctively feminine mode of expression? Why have women, until recently, played such a minor role in the history of art? What can be done to remedy women's secondary status in the art world? We will consider issues such as these as we examine images of and by American women. Artists will include Mary Cassatt, Georgia O'Keefe, Dorthea Lange and Madonna.

Ms. Bedell, *Department of Art*

125N (2) Artists on Art

Four texts written by a craftsman, a scholar, a theoretician and a courtier provide first hand accounts of the changing role of the Italian artist and his art in the Renaissance. We will trace the artist's progress from artisan to man of letters and the development of his work from craft to intellectual creation by reading selections from Cennini's *The Craftsman's Handbook*, Alberti's *Treatise on Painting*, Leonardo's *Notebooks*, and Cellini's *Autobiography*. Class work and writing assignments will focus on issues such as the making of paintings, the function of images, the education of the artist, and the perils of commercial and courtly life. Whenever possible these topics will be discussed in relation to paintings and sculptures of the period in slide presentation and by trips to the Museum of Fine Arts.

Ms. Allen, *Department of Art*

125O (2) Spiritual Journeys

An examination through our reading and writing of the reflections of men and women across history and cultures about their spiritual lives. Readings will be drawn from the Judeo-Christian tradition, from Native American religious traditions, and from non-Western religious traditions.

Ms. Ward, *Class Dean*

125X (2) Writing Tutorial

An individual tutorial in expository writing, taught by juniors and seniors from a variety of academic departments. An opportunity to tailor reading and writing assignments to the student's particular needs and interests. 125X tutorial meetings are individually arranged by students with their tutors. *Open to students from all*

classes by permission of the instructor. Mandatory credit/noncredit.

Ms. Wood, *The Writing Program*

250 (1) (2) Research or Individual Study

Open to qualified students who have completed 125. Permission of the instructor and the Director of the Writing Program required.

Literature in Translation

Students should note that a number of foreign language departments offer literature courses in translation. All material and instruction is in English and no knowledge of the foreign language is required for these courses.

Chinese 141

China on Film. *Not offered in 1993-94.*

Chinese 241 (1)

Chinese Poetry and Drama in Translation

Chinese 242 (2)

Chinese Fiction in Translation. *Not offered in 1993-94.*

Chinese 330

Images of Women in Chinese Literature. *Not offered in 1993-94.*

Classical Civilization 104 (1)(A)

Classical Mythology

Classical Civilization 120/ Writing 125B (1)(A)

The Trojan War

Classical Civilization 243 (2) (B¹)

Roman Law

Classical Civilization 310 (2) (A)

Greek Drama in Translation

Extrdepartmental 200 (1)(A)

Classical Western Texts in Contemporary Perspective. *Not offered in 1993-94.*

Extrdepartmental 330 (1) (A)

Seminar. Comparative Literature. The Fantastic in Literature

German 265 (1)

Clashing Myths in German Culture

German 275 (2)

Kafka and Mann. *Not offered in 1993-94.*

Italian 261/361 (2)

Italian Cinema

Italian 262 (2)

Italy: A Cultural Perspective. *Not offered in 1993-94.*

Italian 263 (1)

Dante

Japanese 251 (2)

Japan Through Literature and Film

Japanese 351 (2)

Seminar. Selected Topics in Japanese. *Not offered in 1993-94.*

Medieval/Renaissance Studies 247

Arthurian Legends. *Not offered in 1993-94.*

Russian 225

Soviet Film 1917-1980. *Not offered in 1993-94.*

Russian 251 (2)

Russian Prose in Translation, from Pushkin to Dostoevsky

Russian 252 (1)

Russian Prose in Translation, from Tolstoy to the Soviet Period. *Not offered in 1993-94.*

Spanish 263 (1)

Latin American Literature: Fantasy and Revolution. *Not offered in 1993-94.*

Courses on Multicultural Issues

The following courses fulfill the multicultural distribution requirement described on p. 53, Multicultural Requirement:

Africana Studies 150a (1)

The Internationalization of Black Power. *Not offered in 1993-94.*

Africana Studies 150b (1)

Black Autobiography. *Not offered in 1993-94.*

Africana Studies 150c (2)

The Harlem Renaissance. *Not offered in 1993-94.*

Africana Studies 200 (1)

Africans in Antiquity

Africana Studies 201 (2)

The Afro-American Literary Tradition. *Not offered in 1993-94.*

Africana Studies 206 (2)

Introduction to Afro-American History, 1500-present. *Not offered in 1993-94.*

Africana Studies 210 (1)

Folk and Ritual Music of the Caribbean. *Not offered in 1993-94.*

Africana Studies 212 (2)

Black Women Writers

Africana Studies 215 (1)

Introduction to Afro-American Politics. *Not offered in 1993-94.*

Africana Studies 217 (1)

The Black Family

Africana Studies 221 (1)

Public Policy and Afro-American Interests. *Not offered in 1993-94.*

Africana Studies 223 (1)

African Development Since 1940. *Not offered in 1993-94.*

Africana Studies 225 (1)

Introduction to Black Psychology

Africana Studies 229

Color, Race and Class in Latin American Development

Africana Studies 230 (2)

The Black Woman in America

Africana Studies 245 (2)

Caribbean and African Comparative Politics

Africana Studies 304 (2)

Comparative Historical Redress in Modern Society

Africana Studies 315 (2)

Seminar. The Psychology of Race Relations

Africana Studies 318 (2)

Seminar. Women and the African Quest for Modernization and Liberation. *Not offered in 1993-94.*

Africana Studies 319 (2)

Pan-Africanism. *Not offered in 1993-94.*

Africana Studies 335 (2)

Women Writers of the English-Speaking Caribbean

Anthropology 104 (1) (2)

Introduction to Anthropology

Anthropology 210

Racism and Ethnic Conflict in the United States and the Third World. *Not offered in 1993-94.*

Anthropology 212

The Anthropology of Law and Justice. *Not offered in 1993-94.*

Anthropology 234 (2)

Urban Poverty

Anthropology 247 (1)

Societies and Cultures of Eurasia

Anthropology 248

African Cultures in Modern Perspective. *Not offered in 1993-94.*

Anthropology 257

Prehistory of North America. *Not offered in 1993-94.*

Anthropology 269 (1)

The Anthropology of Gender Roles, Marriage and the Family

Anthropology 275

Technology and Society in the Third World. *Not offered in 1993-94.*

Anthropology 342 (2)

Seminar. Native American Ethnology

Anthropology 346 (1)

Seminar. Colonialism, Development, and Nationalism: The Nation State and Traditional Societies

* For those courses marked with an asterisk only the particular title or topic listed below satisfies the multicultural requirement.

- Art 211 (2)**
African Art
- Art 241 (1)**
Egyptian Art
- Art 246 (2)**
The Arts of Greater India
- Art 247 (2)**
Islamic Art & Culture. Topic for 1993-94; Ottoman Art and Architecture in the Context of East and West
- Art 248 (1)**
Chinese Painting
- Art 249 (2)**
Arts of Japan. *Not offered in 1993-94.*
- Art 337 (2)**
Seminar. Art Traditions Shared by China and Japan
- Chinese 105 (2)**
Master Works of Chinese Literature and Civilization. *Not offered in 1993-94.*
- Chinese 141 (2)**
China on Film. *Not offered in 1993-94.*
- Chinese 213 (2)**
Diverse Cultures of China
- Chinese 241 (1)**
Chinese Poetry and Drama in Translation
- Chinese 242 (2)**
Chinese Fiction in Translation
- Chinese 330**
Literary Images of Women of Intellect, East and West, 18th and 19th Centuries. *Not offered in 1993-94.*
- Economics 220 (2)**
Development Economics
- Economics 239**
Political Economy of East Asian Development. *Not offered in 1993-94.*
- English 114 (1)**
Race, Class, and Gender in Literature
- English 364 (1)**
Race and Ethnicity in American Literature
- English 384 ***
Literature and Empire. *Not offered in 1993-94.*
- English 387 (2) ***
Authors
- First Year Cluster ***
Constructions of Self: Gender, Reproduction, Sexuality
- French 259 (2) ***
Topic d: Discourse and the Other
- French 330 ***
French and Francophone Studies. *Not offered in 1993-94.*
- History 103 (2)**
History in Global Perspective: Cultures in Contact and Conflict
- History 206 (1)**
Introduction to Latin American Civilization
- History 219 (2)**
The Jews of Spain and the Lands of Islam
- History 263**
South Africa in Historical Perspective. *Not offered in 1993-94.*
- History 264**
History of Precolonial Africa. *Not offered in 1993-94.*
- History 265**
History of Modern Africa. *Not offered in 1993-94.*
- History 270**
Japan Before 1840. *Not offered in 1993-94.*
- History 271 (1)**
Modern Japan 1840-1960
- History 272 (1)**
Religion and Revolt in Latin America, 1492-1750
- History 273 (2)**
The Past as Present in Latin America
- History 274 (2)**
The Cinema of Social Consciousness in Latin America
- History 275 (1)**
Imperial China
- History 276**
China in Revolution. *Not offered in 1993-94.*
- History 284 (1)**
The Middle East in Modern History
- History 286**
Islamic Society in Historical Perspective. *Not offered in 1993-94.*

History 324 (2)

Seminar. Comparative Colonialisms: Spanish America, the Philippines, India, 1500-1850

History 327 (1)

Zionism and Irish Nationalism: A Comparative Perspective

History 342 (1)

Seminar. Women, Work and the Family in African History

History 346

China and America: The Evolution of a Troubled Relationship. *Not offered in 1993-94.*

History 347 (1)

The Cultural Revolution in China

History 364

Seminar. Women in Islamic Society: Historical Perspectives. *Not offered in 1993-94.*

Japanese 251 (2)

Japan Through Literature and Film

Japanese 351 (2)

Seminar. Selected Topics in Japanese. *Not offered in 1993-94.*

Music 105 (2)

Introduction to World Music

Music 209 (2)

Topics in Music History. Topic for 1993-94: A History of Jazz

Philosophy 202 (2)

Introduction to African Philosophy

Philosophy 205

Chinese Philosophy. *Not offered in 1993-94.*

Political Science 204 (1) (2)

Politics of Development in the Third World

Political Science 207 (2)

Politics of Latin America

Political Science 209

African Politics. *Not offered in 1993-94.*

Political Science 214 (1)

Politics of Race and Ethnicity

Political Science 239 (2)

Political Economy of East Asian Development. *Not offered in 1993-94.*

Political Science 302

Seminar. Communist Parties and Socialist Societies. *Not offered in 1993-94.*

Political Science 305 (1)

Seminar. The Military in Politics

Political Science 307 (2)

Seminar. Gender, Culture and Political Change

Political Science 337 (2)

Seminar. The Politics of Minority Groups in the United States. *Not offered in 1993-94.*

Political Science 343 (1)

Seminar. New Theoretical Perspective: The Politics of Identity

Psychology 245 (2)

Cultural Psychology

Psychology 345 (2)

Seminar. Selected Topics in Developmental Psychology

Religion 104 (2)

Introduction to the Hebrew Bible/Old Testament

Religion 108 (2)

Introduction to Asian Religions

Religion 108M

Introduction to Asian Religions. *Not offered in 1993-94.*

Religion 140

Introduction to Jewish Civilization. *Not offered in 1993-94.*

Religion 160 (1)

Introduction to Islamic Civilization

Religion 204 (2)

Law, Social Order and Religious Practice in Hebrew Bible/Old Testament

Religion 205

Genesis and the Ancient Near East Mythologies. *Not offered in 1993-94.*

Religion 226 (1)

Liberation Theology

Religion 241

Introduction to Rabbinic Literature. *Not offered in 1993-94.*

Religion 242 (2)

Rabbis, Romans and Archaeology

Religion 243

Women in the Biblical World. *Not offered in 1993-94.*

Religion 244

Jerusalem, the Holy City. *Not offered in 1993-94.*

Religion 251
Religions of India. *Not offered in 1993-94.*

Religion 253 (1)
Buddhist Thought and Practice

Religion 254
Chinese Thought and Religion. *Not offered in 1993-94.*

Religion 255 (2)
Japanese Religion and Culture. *Not offered in 1993-94.*

Religion 262
The Formation of Islam. *Not offered in 1993-94.*

Religion 263
Islam in the Modern World. *Not offered in 1993-94.*

Religion 271
Native American Religions. *Not offered in 1993-94.*

Religion 303 (1)
Seminar. Themes in the History of Bible Interpretation

Religion 340 (2)
Seminar. The Holocaust

Religion 351 (1)
Religion in Modern India

Religion 353
Seminar. Zen Buddhism. *Not offered in 1993-94.*

Religion 356
Seminar. Ideal Society in Asian Religions. *Not offered in 1993-94.*

Religion 362 (2)
Seminar. Religion and State in Islam

Religion 363
Seminar. Literature of Islamic Societies. *Not offered in 1993-94.*

Spanish 251 (2)
Freedom and Repression in Spanish American Literature. *Not offered in 1993-94.*

Spanish 253 (2)
The Spanish American Short Narrative. *Not offered in 1993-94.*

Spanish 255 (2)
Chicano Literature: From the Chronicles to the Present

Spanish 257 (1)
The Word and the Song: Contemporary Latin American Poetry

Spanish 259 (1)
Spanish Practicum. *Not offered in 1993-94.*

Spanish 261 (2)
Contemporary Spanish American Theatre. *Not offered in 1993-94.*

Spanish 263 (1)
Latin American Literature: Fantasy and Revolution. *Not offered in 1993-94.*

Spanish 265 (2)
History of Latin America. *Not offered in 1993-94.*

Spanish 267 (1)
The Writer and Human Rights in Latin America. *Not offered in 1993-94.*

Spanish 269 (2)
Caribbean Literature and Culture. *Not offered in 1993-94.*

Spanish 305 (1)
Hispanic Literature in the United States

Spanish 311 (2)
The Literary World of Gabriel Garcia Marques and the Post-Boom

Spanish 315 (2)
Seminar. Luis Buñuel and the Search for Freedom and Morality. *Not offered in 1993-94.*

Spanish 317 (1)
Seminar. The New World in Its Literature: Conquest and Counter-Conquest. *Not offered in 1993-94.*

Spanish 321 (1)
Seminar. Latin American Women Writers. *Not offered in 1993-94.*

Women's Studies 220 (1)
Women, Peace and Protest: Cross-Cultural Visions of Women's Actions

Women's Studies 222 (2)
Women in Contemporary Society: Different Ways of Knowing

Women's Studies 250 (2)
Asian Women in America

Women's Studies 305 (1)
Seminar. Topics in Gender, Ethnicity and Race

Women's Studies 320 (2)
American Health Care History in Gender, Race and Class Perspective

Women's Studies 330 (1)
Seminar. Twentieth-Century Feminist Movements in the First and Third Worlds

Faculty

Faculty

Legend

- A Absent on leave
 A¹ Absent on leave during the first semester
 A² Absent on leave during the second semester

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Travel Instructions

IF YOU DRIVE

From the West:

Take the Massachusetts Turnpike East to Exit 14 (Weston). Then go south on Interstate 95 (Route 128) for ½ mile to Route 16, Exit 21B. Follow Route 16 West for 3 miles to the town of Wellesley, go straight on Route 135 (West). At the third traffic light take a left into the main entrance of the College.

From the East:

Take the Massachusetts Turnpike West to Exit 16 (West Newton). Follow Route 16 West, directions above.

From the North:

Take Interstate 95 (Route 128) South to Exit 21B (Route 16 West). Follow Route 16 West, directions above.

From the South:

Take Interstate 95 (Route 128) North to Exit 21B (Route 16 West). Follow Route 16 West, directions above.

IF YOU ARRIVE BY PLANE

From Logan International Airport, you can travel to Wellesley by subway or by taxi. By MBTA (subway): At the airport, take the shuttle bus (free) to the Airport MBTA stop. Then take an inbound Blue Line car four stops to Government Center. Go upstairs and change to a Green Line car marked “RIVERSIDE-D.” Get off at Woodland, the second to last stop. (The fare is 85 cents.)

From Woodland: Take a taxi (approximately \$13.00). If necessary, call Veteran’s Taxi at 235-1600.

Allow about two hours for the trip to the College from the Airport by public transportation. Be sure to have plenty of change! Exact fare is required on bus and subway systems.

Taxi:

The taxi cost from Logan Airport and other points in the City, including tolls, is approximately \$40.00. There is a small additional charge when more than three people share a cab. If no cab is available, call Veteran’s Taxi at 235-1600.

IF YOU ARRIVE BY TRAIN

Take Amtrak to South Station in Boston. From there, take the Red Line car (MBTA subway) two stops to Park Street. Change to an out-bound Green Line car marked “RIVERSIDE-D.” Get off at Woodland, the second to last stop (the MBTA fare is 85 cents). Then follow the above directions from Woodland.

IF YOU ARRIVE BY BUS

Take the Greyhound or Peter Pan bus to the RIVERSIDE terminal, one stop before Boston. From there, take a taxi to the College (approximately \$13.00). If necessary, call Veteran’s Taxi at 235-1600.

All fares quoted are subject to change.



CENTRAL

From Boston

The information contained in this Bulletin is accurate as of July 1993. However, Wellesley College reserves the right to make changes at its discretion affecting policies, fees, curricula or other matters announced in this Bulletin.

In accordance with the Student Right-to-Know and Campus Security Act (Public Law 101-542), the graduation rate for students who entered Wellesley College as first-year students in September 1986, on a full-time basis, was 87%. (The period covered is equal to 150% of the normal time for graduation.)

Wellesley College admits students, without regard to race, color, religion, or national origin, to all the rights, privileges, programs, and activities generally accorded or made available to students at the College. The College does not discriminate on the basis of race, color, religion, national origin or sexual orientation, in administration of its educational policies, scholarship and loan programs, athletic and other college-administered programs or in its employment policies.

Wellesley College, as an independent, undergraduate educational institution for women, does not discriminate on the basis of sex against its students in the educational programs or activities which it operates, and does not discriminate on the basis of sex in its employment policies, in compliance with the regulations of Title IX of the Education Amendments of 1972, nor does the College discriminate on the basis of handicap in violation of Section 504 of the Rehabilitation Act of 1973.

Wellesley College Bulletin

Wellesley, Massachusetts 02181

Second Class Postage

Paid at Boston, Massachusetts